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## GOAT ANTI-FOXP2 (C TERMINUS) ANTIBODY

**SKU:** EB05226

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



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# SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym /** OTTHUMP00000196932|DKFZp686H1726|forkhead/winged-helix transcription factor|trinucleotide repeat

**Alias** containing 10|speech and language disorder 1|CAG repeat protein 44|TNRC10|CAGH44|SPCH1|forkhead box

**Names** P2|FOXP2

**Accession ID** NP\_055306.1; NP\_683696.2; NP\_683697.1

**Blocking Peptide** EBP05226

**Immunogen** Peptide with sequence C-REIEEEPLSEDLE, from the C Terminus of the protein sequence according to NP\_055306.1; NP\_683696.2; NP\_683697.1.

**Product Comments** This antibody is expected to recognise all three reported isoforms (NP\_055306.1; NP\_683696.2; NP\_683697.1).

**Peptide Sequence** C-REIEEEPLSEDLE

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human, Mouse, Rat, Dog, Pig, Cow

**Reactive Species** Human

**Human Gene ID** 93986

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png)

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:128000.

**Western Blot** Approx 80-90kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 82.6kDa according to NP\_683696.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2µg/ml. Primary incubation 1 hour at room temperature.

**Application Type** Pep-ELISA, WB

## SELECTED REFERENCES

[{"pmid": 21935935, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "FoxP2 expression in the cerebellum and inferior olive: Development of the transverse stripe-shaped expression pattern in the mouse cerebellar cortex.", "author": "Fujita H, Sugihara I.", "journal": "J Comp Neurol. 2012 Feb 15;520(3):656-77. doi: 10.1002/cne.22760."}, {"pmid": 23136409, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Clustered fine compartmentalization of the mouse embryonic cerebellar cortex and its rearrangement into the postnatal striped configuration.", "author": "Fujita H, Morita N, Furuichi T, Sugihara I.", "journal": "J Neurosci. 2012 Nov 7;32(45):15688-703."}, {"pmid": 37130860, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Neurogenic timing of the inferior olive subdivisions is related to the olivocerebellar projection topography", "author": "Yuanjun Luo, Yuhan Chao, Jingyun Zhang, Tatsumi Hirata and Izumi Sugihara", "journal": "Research Square, August 2022, [https://doi.org/10.21203/rs.3.rs-1923633/v1]"}, {"pmid": 33055198, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Common Origin of the Cerebellar Dual Somatotopic Areas Revealed by Tracking Embryonic Purkinje Cell Clusters with Birthdate Tagging", "author": "Khoa Tran-Anh, Jingyun Zhang, Viet Tuan Nguyen-Minh, Hirofumi Fujita, Tatsumi Hirata and Izumi Sugihara", "journal": "eNeuro. 2020 Dec 14;7(6):ENEURO.0251-20.2020."}, {"pmid": 28092268, "intro": "**This antibody (previous batch) has been successfully used in IHC on Human and Mouse:**", "title": "Phenotypic outcomes in Mouse and Human Foxc1 dependent Dandy-Walker cerebellar malformation suggest shared mechanisms.", "author": "Halidpur P, Dang D, Aldinger KA, Janson OK, Guimiot F, Adle-Biastette H, Dobyns WB, Siebert JR, Russo R, Millen KJ.", "journal": "eLife. 2017 Jan 16;6. pii: e20898. doi: 10.7554/eLife.20898."}, {"pmid": 30004589, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Cerebellar modules in the olivo-cortico-nuclear loop demarcated by pcdh10 expression in the adult mouse", "author": "Gideon A Sarpong, Suteera Vibulyaseck, Yuanjun Luo, Mohammad S Biswas, Hirofumi Fujita, Shinji Hirano, Izumi Sugihara", "journal": "J Comp Neurol. 2018 Oct 15;526(15):2406-2427."}, {"pmid": 25732420, "intro": "**This antibody (previous batch) has been successfully used in WB and IHC on Chicken:**", "title": "Compartmentalization of the chick cerebellar cortex based on the link between the striped expression pattern of aldolase C and the topographic olivocerebellar projection", "author": "Vibulyaseck S, Luo Y, Fujita H, Oh-Nishi A, Ohki-Hamazaki H, Sugihara I.", "journal": "J Comp Neurol. 2015 Sep 1;523(13):1886-912."}, {"pmid": 30470704, "intro": "**This antibody (previous batch) has been successfully used in IF on Mouse:**", "title": "The zinc-finger transcription factor GLI3 is a regulator of precerebellar neuronal migration.", "author": "Martinez-Chavez E, Scheerer C, Wizenmann A, Blaess S", "journal": "Development. 2018 Dec 17;145(24). pii: dev166033."}, {"pmid": 28542916, "intro": "**This antibody (previous batch)**"}]

**has been successfully used in IF on Mouse:", "title":**

"Spatial rearrangement of Purkinje cell subsets forms the transverse and longitudinal compartmentalization in the mouse embryonic cerebellum.", "author": "Vibulyaseck S, Fujita H, Luo Y, Tran AK, Oh-Nishi A, Ono Y, Hirano S, Sugihara I", "journal": "J Comp Neurol. 2017 Oct 1;525(14):2971-2990."}, {"pmid": 38251865, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Cell division angle predicts the level of tissue mechanics that tune the amount of cerebellar folding.", "author": "Amber G. Cook, Taylor V. Bishop, Hannah R. Crowe, Daniel N. Stevens, Lauren Reine, Alexandra L. Joyner and Andrew K. Lawton", "journal": "Development. 2024 Feb 1;151(3):dev202184."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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