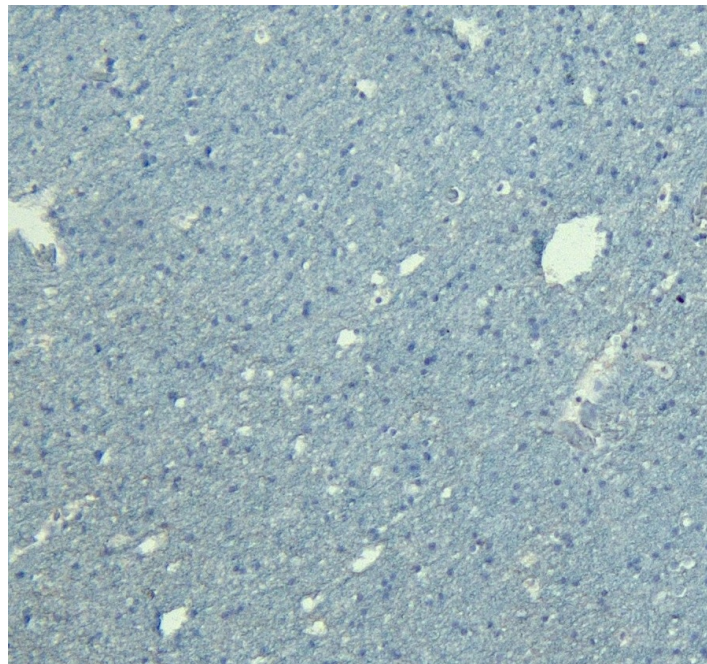


GOAT ANTI-DOUBLECORTIN / DCX (AA232-242) ANTIBODY

SKU: EB10781



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 / Alias Names neuronal migration protein doublecortin| lissencephalin-X| lis-X| doublin| doublecortex| OTTHUMP00000216316| XLIS| SCLH| LISX| FLJ51296| DC| DBCN| RP5-914P14.1| doublecortin|DCX

Usage Summary Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HepG2 and KNRK cells. Recommended concentration: 10µg/ml.

Accession ID NP_000546.2; NP_835365.1; NP_835364.1; NP_001182482.1

Blocking Peptide EBP10781

Immunogen	Peptide with sequence C-KTSANMKAPQS, from the internal region of the protein sequence according to NP_000546.2; NP_835365.1; NP_835364.1; NP_001182482.1.
Product	This antibody is expected to recognize all four reported isoforms (NP_000546.2; NP_835365.1; NP_835364.1; NP_001182482.1). Reported variants represent identical protein: NP_835364.1 and NP_835366.1.
Comments	
Peptide Sequence	C-KTSANMKAPQS
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, Rat
Human Gene ID	1641
Mouse Gene ID	13193
Rat Gene ID	84394
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Brain (Cortex) and Testis. Recommended concentration: 5-6µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:128000.
Application Type	Pep-ELISA, IF, IHC

SELECTED REFERENCES

[{"pmid": 0, "intro": "**This antibody (previous batch) has been successfully used in IHC on Rat:**", "title": "Dynamic structural neuroplasticity during and after epileptogenesis in a pilocarpine rat model of epilepsy", "author": "Heysieattalab, S., Sadeghi", "journal": "Acta Epileptologica 3, 3 (2021). <https://doi.org/10.1186/s42494-020-00037-7>"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

