



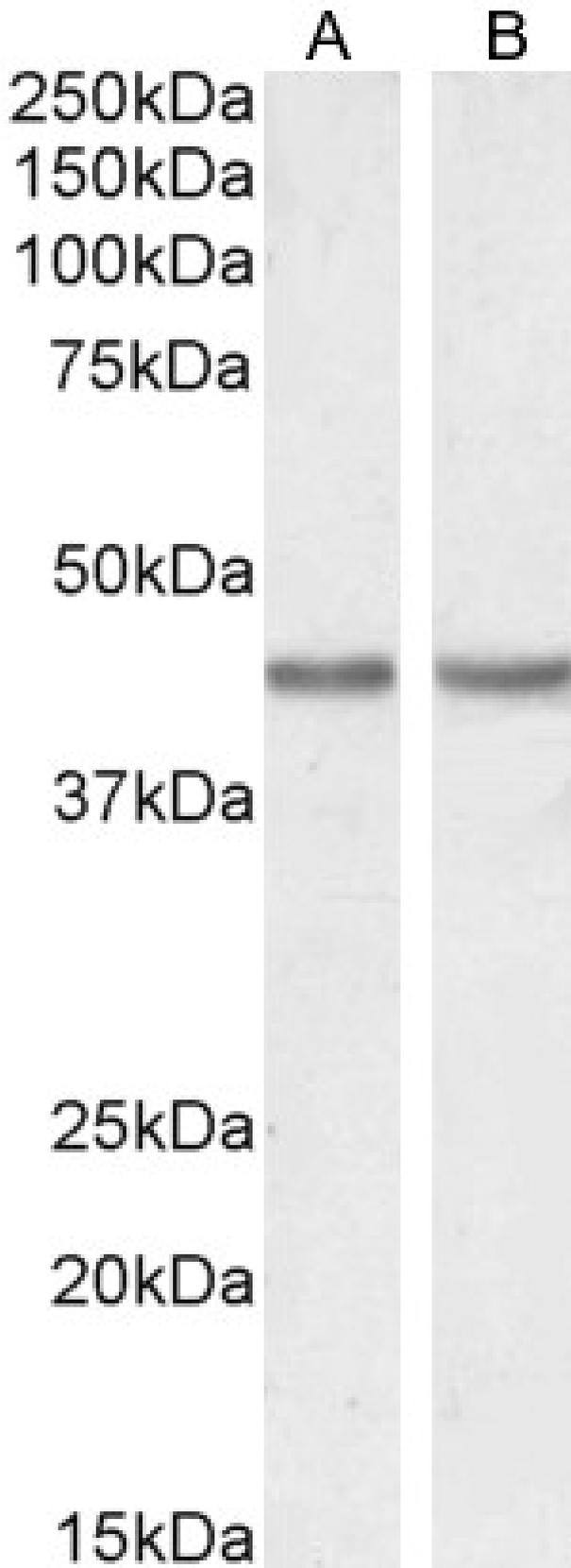
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GOAT ANTI-SMOOTH MUSCLE ALPHA-ACTIN ANTIBODY

SKU: EB06450





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 | smooth muscle alpha-actin growth-inhibiting gene 4 alpha-cardiac actin alpha 2 actin ACTSA AAT6 ACTSA ACTA2 OTTHUMP00000020042 actin, alpha 2, smooth muscle, aorta |
| Names | |
| Accession ID | NP_001604.1; NP_001135417.1 |
| Blocking Peptide | EBP06450 |
| Immunogen | Peptide with sequence EEEDSTALVC, from the N Terminus of the protein sequence according to NP_001604.1; NP_001135417.1. |
| Product Comments | Variants NP_001604.1 and NP_001135417.1 encode the same protein. |
| Peptide Sequence | EEEDSTALVC |
| 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 |
| Reactive Species | Mouse, Rat |
| Human Gene ID | 59 |
| Product Grade | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png |
| ELISA Detection Limit | Antibody detection limit dilution 1:16000. |
| Western Blot | Approx 45kDa band observed in Human Duodenum lysates (calculated MW of 42kDa according to NP_001604.1). Recommended concentration:0.1-1µg/ml. |
| Application Type | Pep-ELISA, WB |

SELECTED REFERENCES

[{"pmid": 22912365, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Exosomal secretion of death bullets: a new way of apoptotic"}]



escape?", "author": "Trokovic N, Pöllänen R, Porola P, Stegaev V, Hetzel U, Tivesten Å, Engdahl C, Carlsten H, Forsblad-d'Elia H, Fagman JB, Lagerquist M, Konttinen YT.", "journal": "Am J Physiol Endocrinol Metab. 2012 Oct 15;303(8):E1015-24.", {"pmid": 23383100, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Modification of hemodynamic and immune responses to exposure with a weak antigen by the expression of a hypomorphic BMPR2 gene.", "author": "Park SH, Chen WC, Hoffman C, Marsh LM, West J, Grunig G.", "journal": "PLoS One. 2013;8(1):e55180.", {"pmid": 18538388, "intro": "**This antibody (previous batch) has been successfully used in IF on Human:**", "title": "Novel HLA-G-binding leukocyte immunoglobulin-like receptor (LILR) expression patterns in human placentas and umbilical cords.", "author": "McIntire RH, Sifers T, Platt JS, Ganacias KG, Langat DK, Hunt JS.", "journal": "Placenta. 2008 Jul;29(7):631-8.", {"pmid": 25726846, "intro": "**This antibody (previous batch) has been successfully used in IHC on Human:**", "title": "High-mobility group box-1 induces vascular remodelling processes via c-Jun activation.", "author": "Zabini D, Crnkovic S, Xu H, Tscherner M, Ghanim B, Klepetko W, Olschewski A, Kwapiszewska G, Marsh LM.", "journal": "J Cell Mol Med. 2015 May;19(5):1151-61", {"pmid": 27704164, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Human multipotent adult progenitor cells enhance islet function and revascularisation when co-transplanted as a composite pellet in a mouse model of diabetes.", "author": "João Paulo M. C. M. Cunha, Gunter Leuckx, Peter Sterkendries, Hannelie Korf, Gabriela Bomfim-Ferreira, Lutgart Overbergh, Bart Vaes, Harry Heimberg, Conny Gysemans, Chantal Mathieu", "journal": "Diabetologia. 2016 Oct 4.", {"pmid": 26349856, "intro": "**This antibody (previous batch) has been successfully used in WB and IF on Mouse:**", "title": "Topical Application of Insulin Accelerates Vessel Maturation of Wounds by Regulating Angiopoietin-1 in Diabetic Mice.", "author": "Chaofei Li, Tianyi Yu, Yan Liu, Xuelian Chen, and Xiong Zhang.", "journal": "Int J Low Extrem Wounds. 2015 Dec;14(4):353-64. ", {"pmid": 25034560, "intro": "**This antibody (previous batch) has been successfully used in IHC on Human:**", "title": "Comprehensive analysis of inflammatory markers in chronic thromboembolic pulmonary hypertension patients.", "author": "Diana Zabini, Akos Heinemann, Vasile Foris, Chandran Nagaraj, Patrick Nierlich, Zoltán Bálint, Grazyna Kwapiszewska, Irene M. Lang, Walter Klepetko, Horst Olschewski and Andrea Olschewski.", "journal": "Eur Respir J. 2014 Oct;44(4):951-62. ", {"pmid": 28705908, "intro": "**This antibody (previous batch) has been successfully used in ICC on Human:**", "title": "Importance of kynurenine in pulmonary hypertension", "author": "Nagy BM, Nagaraj C, Meinitzer A, Sharma N, Papp R, Foris V, Ghanim B, Kwapiszewska G, Kovacs G, Klepetko W, Pieber TR, Mangge H, Olschewski H, Olschewski A", "journal": "Am J Physiol Lung Cell Mol Physiol. 2017 Nov 1;313(5):L741-L751.", {"pmid": 34309864, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Low oxygen levels decrease adaptive immune responses and ameliorate experimental asthma in mice", "author": "Mathias Hochgerner, Eva M Sturm, Diana Schnoegl, Grazyna Kwapiszewska, Horst



Olschewski, Leigh M Marsh", "journal": "Allergy. 2021 Jul 26. doi: 10.1111/all.15020"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

