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GOAT ANTI-SMOOTH MUSCLE ALPHA-ACTIN ANTIBODY

SKU: EB06450

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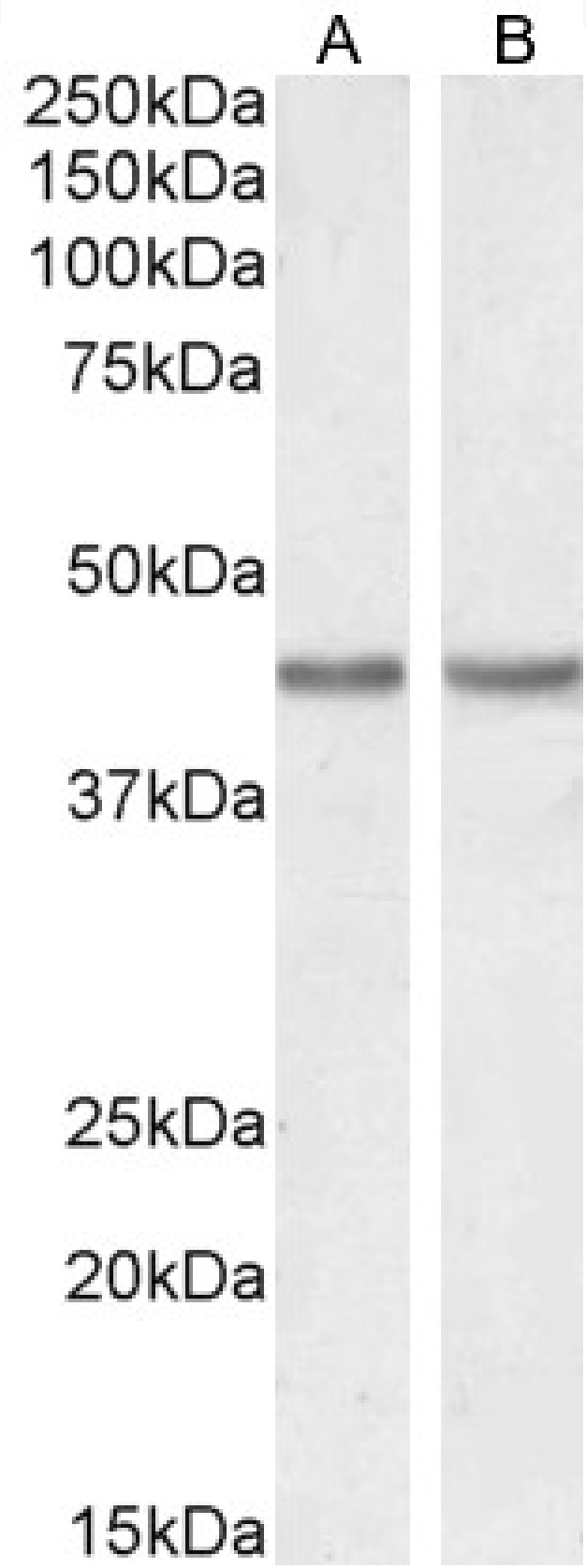

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SPECIFICATIONS

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 / Alias Names	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
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	Human, 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
IHC Results	S4C4P26
ELISA Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Approx 42kDa band observed in Human Duodenum lysates, Rat Heart lysates, and in lysates of cell lines HeLa and NIH3T3 (calculated MW of 42kDa according to Human NP_001604, Mouse NP_031418.1 and Rat NP_112266.1) . Recommended concentration: 0.1-0.5µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

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GALLERY IMAGES