

Product Datasheet

alpha-Smooth Muscle Actin Antibody NB600-1434

Unit Size: 500 uL

Store at 4C. Do not freeze.

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NB600-1434**alpha-Smooth Muscle Actin Antibody****Product Information**

Unit Size	500 uL
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.6) and 0.2% BSA
Target Molecular Weight	42 kDa

Product Description

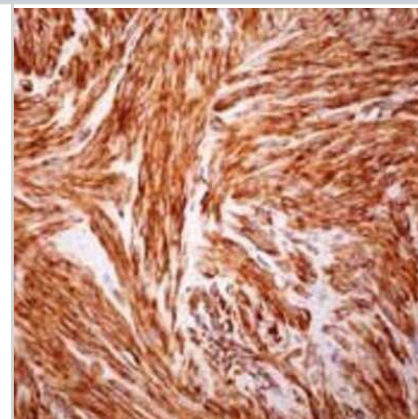
Host	Rabbit
Gene ID	59
Gene Symbol	ACTA2
Species	Human, Mouse, Rat, Bovine, Chicken, Feline, Primate, Rabbit, Sheep
Reactivity Notes	Sheep reactivity reported in scientific literature (PMID: 24176105). Feline reactivity reported in scientific literature (PMID: 22154426).
Marker	Mesenchymal Cell Marker
Immunogen	Alpha-Smooth Muscle Actin Antibody is made to a synthetic peptide from N-terminus of human Alpha-smooth muscle isoform of actin.

Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry 1:25, Immunohistochemistry-Paraffin 1:25, Immunohistochemistry-Frozen
Application Notes	Use in Immunohistochemistry-Frozen reported in scientific literature (PMID: 30126780). Use in Western blot reported in reported in scientific literature (PMID: 31629675).

Images

Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody [NB600-1434] - Human leiomyoma stained with alpha-Smooth Muscle Actin Antibody using peroxidase-conjugate and AEC. Note cytoplasmic staining of tumor cells.



Publications

Zhao F, Evans K et al. Stromal Fibroblasts Mediate Anti-PD-1 Resistance via MMP-9 and Dictate TGF beta Inhibitor Sequencing in Melanoma. *Cancer Immunol Res* 2018-01-12 [PMID: 30209062] (IF/IHC, Mouse)

Huang F, Wang Q, Guo F et al. FoxO1-mediated inhibition of STAT1 alleviates tubulointerstitial fibrosis and tubule apoptosis in diabetic kidney disease *EBioMedicine* 2019-10-16 [PMID: 31629675] (WB, Human)

Pfaff MJ, Mukhopadhyay S, Hoofnagle M et al. Tumor suppressor protein p53 negatively regulates ischemia-induced angiogenesis and arteriogenesis *J. Vasc. Surg.* 2018-08-17 [PMID: 30126780] (IHC-Fr, Mouse)

Dafni H, Burghardt AJ, Majumdar S, Navone NM, Ronen SM. Vascular patterning and permeability in prostate cancer models with differing osteogenic properties. *NMR Biomed.* 2011-12-02 [PMID: 22134886] (IF/IHC, Mouse)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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