

Rabbit SMIT1 Polyclonal Antibody | anti-SMIT1 antibody

Rabbit anti-SMIT1 Antibody

CATALOG # AAA223462	HOST Rabbit	REACTIVITY Human, Rat, Bovine, Dog, Pig, Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SMIT1; Polyclonal Antibody; Rabbit anti-SMIT1 Antibody; Sodium/myo-inositol cotransporter; Na(+)/myo-inositol cotransporter; Sodium/myo-inositol transporter 1; Solute carrier family 5 member 3; anti-SMIT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Bovine, Dog, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SMIT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMIT1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of SMIT1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of SMIT1 expression in human prostate (A), rat kidney (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMIT1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110835708
NCBI GeneID	6526

NCBI Accession #	NP_008864.3
NCBI GenBank Nucleotide #	NM_006933.4
UniProt Accession #	P53794; Q9JKZ2
Molecular Weight	79,694 Da
NCBI Official Full Name	sodium/myo-inositol cotransporter
NCBI Official Synonym Full Names	solute carrier family 5 (sodium/myo-inositol cotransporter), member 3
NCBI Official Symbol	SLC5A3
NCBI Official Synonym Symbols	SMIT; SMIT1; SMIT2
NCBI Protein Information	sodium/myo-inositol cotransporter; BCW2 protein; Na(+)/myo-inositol cotransporter; solute carrier family 5 member 3; sodium/myo-inositol transporter 1; sodium/myo-inositol cotransporter 1; solute carrier family 5 (inositol transporter), member 3; solute c
UniProt Protein Name	Sodium/myo-inositol cotransporter
UniProt Gene Name	SLC5A3
UniProt Synonym Gene Names	Na(+)/myo-inositol cotransporter; SMIT1
UniProt Entry Name	SC5A3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smit1-antibody-immunohistochemistry-western-blot-elisa/223462>