Rabbit anti-Human, Mouse PRAS40 Polyclonal Antibody | anti-PRAS40 antibody

PRAS40 (Phospho-Ser183) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319501	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, ELISA, Western Blot**

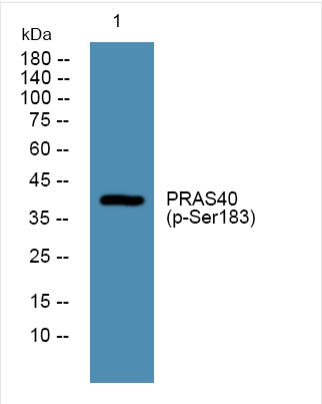
PRODUCT SYNONYMS

PRAS40; Polyclonal Antibody; PRAS40 (Phospho-Ser183) Antibody; PRAS40 (Ser183); Proline-rich AKT1 substrate 1 (40 kDa proline-rich AKT substrate); anti-PRAS40 antibody

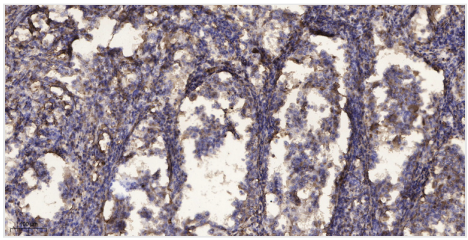
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of Human Mouse PRAS40 (phospho-Ser183)
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRAS40 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized phosho peptide around human PRAS40 (Ser183)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)
Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-PRAS40 antibody	AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003 [PubMed 12524439]).[supplied by OMIM, Mar 2008]
Product Categories/Family for anti-PRAS40 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148806906
NCBI GeneID	84335
NCBI Accession #	NP_001092102.1
NCBI GenBank Nucleotide #	NM_001098632.2
UniProt Accession #	Q96B36; Q96BI4; Q96IK7; Q96NG2; Q9BWR5; A8MTQ1; B2RE93
Molecular Weight	27,383 Da
NCBI Official Full Name	proline-rich AKT1 substrate 1 isoform b
NCBI Official Synonym Full Names	AKT1 substrate 1 (proline-rich)
NCBI Official Symbol	AKT1S1
NCBI Official Synonym Symbols	Lobe; PRAS40
NCBI Protein Information	proline-rich AKT1 substrate 1; 40 kDa proline-rich AKT substrate
UniProt Protein Name	Proline-rich AKT1 substrate 1
UniProt Gene Name	**AKT1S1**
UniProt Synonym Gene Names	PRAS40
UniProt Entry Name	AKTS1_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/pras40-antibody-immunohistochemistry-western-blot-elisa/319501