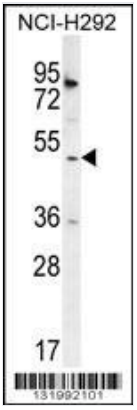
SH2D4A Antibody – Rabbit Polyclonal

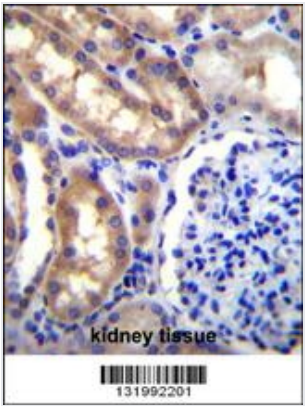
PRODUCT OVERVIEW

Product Name	SH2D4A, Polyclonal Antibody
Full Product Name	SH2D4A, NT (SH2D4A, SH2A, SH2 domain-containing protein 4A, Protein SH(2)A) (PE)
Product Gene Name	anti-SH2D4A antibody
Product Synonym Names	SH2D4A; SH2A; SH2 domain-containing protein 4A; Protein SH(2)A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	46,978 Da
3D Structure	ModBase 3D Structure for Q9H788
Immunogen	SH2D4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-75 amino acids from the N-terminal region of human SH2D4A.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-SH2D4A antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-SH2D4A antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-SH2D4A antibody	IHC: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-SH2D4A antibody	SH2D4A inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation. May play a role in T-cell development and function.
Product References and Citations for anti-SH2D4A antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Li, T., et al. BMB Rep 42(8):516-522(2009). Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009). Lapinski, P.E., et al. J. Immunol. 181(3):2019-2027(2008). Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007).
Other Notes	Small volumes of anti-SH2D4A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for SH2D4A purchase	MBS6347163 is an antibody targeting SH2D4A. Also known as SH2D4A, NT (SH2D4A, SH2A, SH2 domain-containing protein 4A, Protein SH(2)A) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SH2D4A antibody
SH2D4A Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the SH2D4A antibody detected the SH2D4A protein (arrow).



Immunohistochemistry (IHC) of anti-SH2D4A antibody
SH2D4A Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SH2D4A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SH2D4A. It may not necessarily be applicable to this product.

NCBI GI #	21361891
NCBI GeneID	63898
NCBI Accession #	NP_071354.2
UniProt Primary Accession #	Q9H788
UniProt Secondary Accession #	Q5XKC1; Q6NXE9; Q86YM2; Q96C88; Q9H7F7; B4DDR1
UniProt Related Accession #	Q9H788
GenBank Nucleotide #	NM_022071.3
NCBI Official Full Name	SH2 domain-containing protein 4A isoform a
NCBI Official Synonym Full Names	SH2 domain containing 4A
NCBI Official Symbol	SH2D4A
NCBI Official Synonym Symbols	SH2A; PPP1R38
UniProt Protein Name	SH2 domain-containing protein 4A
UniProt Synonym Protein Names	Protein SH(2)A
Protein Family	SH2 domain-containing protein
UniProt Gene Name	SH2D4A
UniProt Synonym Gene Names	SH2A
UniProt Entry Name	SH24A_HUMAN
NCBI Protein Information	SH2 domain-containing protein 4A
Research Articles on SH2D4A	**1.** New evidence for SH2D4A involvement in hepatocellular carcinoma pathogenesis demonstrating for the first time its deregulation in cirrhotic nodules.

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