Rabbit anti-Human, Mouse SHISA4 Polyclonal Antibody | anti-SHISA4 antibody

SHISA4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40497	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

SHISA4; Polyclonal Antibody; SHISA4 Antibody; TMEM58; C1orf40; UNQ583/PRO1153; Protein shisa-4; Transmembrane protein 58; shisa homolog 4 (Xenopus laevis); anti-SHISA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SHISA4 antibody is predicted to not cross-react with other SHISA protein family members.
Purity/Purification	SHISA4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	197
Applicable Applications for anti-SHISA4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SHISA4 antibody was raised against a 15 amino acid peptide near the center of human SHISA4.
Buffer	SHISA4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SHISA4 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of SHISA4 in mouse brain tissue with SHISA4 antibody at 20 μg/ml.



IHC (Immunohiostchemistry)
Immunohistochemistry of SHISA4 in mouse brain tissue with SHISA4 antibody at 2.5 μg/ml.



WB (Western Blot)
Western blot analysis of SHISA4 in human brain tissue lysate with SHISA4 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SHISA4 antibody	SHISA4 Antibody: SHISA4 plays an essential role in the maturation of presomitic mesoderm cells by individual attenuation of both FGF and WNT signaling. The Shisa family of single-transmembrane proteins is characterized by an N-terminal cysteine-rich domain and a proline-rich C-terminal region. Its founding member, Xenopus Shisa, promotes head development by antagonizing Wnt and FGF signaling. Shisa physically interacted with immature forms of the Wnt receptor Frizzled and the FGF receptor within the ER and inhibited their posttranslational maturation and trafficking to the cell surface. Loss of Shisa function sensitized the neuroectoderm to Wnt signaling and suppressed head formation during gastrulation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	269973884
NCBI GeneID	149345
NCBI Accession #	NP_937792
NCBI GenBank Nucleotide #	NM_198149.2
UniProt Accession #	Q96DD7; Q5VUU1; Q6P711; Q6UWY7; B4DFI0; B7ZAJ7
Molecular Weight	Predicted: 22 kDa Observed: 24 kDa
NCBI Official Full Name	protein shisa-4
NCBI Official Synonym Full Names	shisa family member 4
NCBI Official Symbol	SHISA4
NCBI Official Synonym Symbols	TMEM58; C1orf40
NCBI Protein Information	protein shisa-4; shisa homolog 4; transmembrane protein 58
UniProt Protein Name	Protein shisa-4
UniProt Gene Name	**SHISA4**
UniProt Synonym Gene Names	C1orf40; TMEM58
UniProt Entry Name	SHSA4_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/shisa4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40497