Rabbit SHISA3 Polyclonal Antibody | anti-SHISA3 antibody

SHISA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40667	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

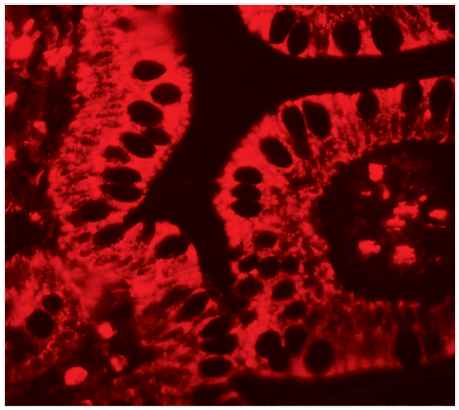
PRODUCT SYNONYMS

SHISA3; Polyclonal Antibody; SHISA3 Antibody; hShisa3; Protein shisa-3 homolog; shisa homolog 3 (Xenopus laevis); anti-SHISA3 antibody

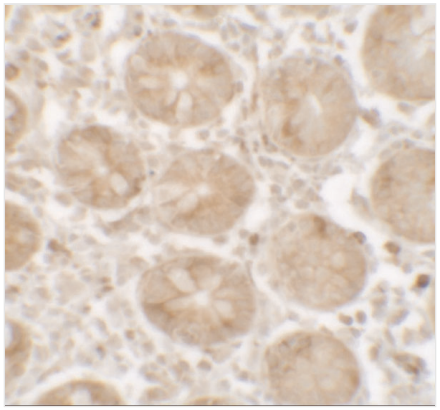
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SHISA3 antibody is predicted to not cross-react with other SHISA protein family members.
Purity/Purification	SHISA3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	238
Applicable Applications for anti-SHISA3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SHISA3 antibody was raised against a 15 amino acid peptide near the center of human SHISA3.
Buffer	SHISA3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SHISA3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

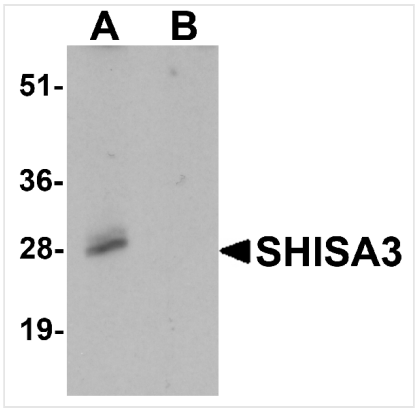
IMAGES



IF (Immunofluorescence)
Immunofluorescence of SHISA3 in human small intestine tissue with SHISA3 antibody at 20 μg/ml.



IHC (Immunohiostchemistry)
Immunohistochemistry of SHISA3 in human small intestine tissue with SHISA3 antibody at 2.5 μg/ml.



WB (Western Blot)
Western blot analysis of SHISA3 in human small intestine Tissue lysate with SHISA3 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SHISA3 antibody	SHISA3 Antibody: SHISA3 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 #	122937450
NCBI GeneID	152573
NCBI Accession #	NP_001073974
NCBI GenBank Nucleotide #	NM_001080505.1
UniProt Accession #	A0PJX4; Q96EQ5; A0PJX3
Molecular Weight	Predicted: 26 kDa Observed: 28 kDa
NCBI Official Full Name	protein shisa-3 homolog
NCBI Official Synonym Full Names	shisa family member 3
NCBI Official Symbol	SHISA3
NCBI Official Synonym Symbols	hShisa3
NCBI Protein Information	protein shisa-3 homolog; shisa homolog 3
UniProt Protein Name	Protein shisa-3 homolog
UniProt Gene Name	**SHISA3**
UniProt Entry Name	SHSA3_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://www.aaabiotech.com/polyclonal/shisa3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40667