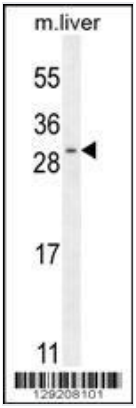
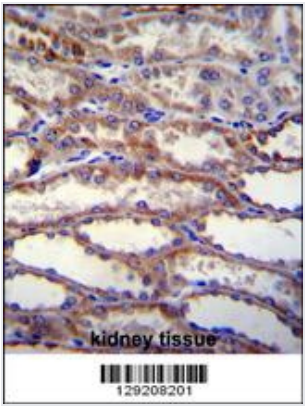
SHISA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SHISA3, Polyclonal Antibody
Full Product Name	SHISA3, CT (SHISA3, Protein shisa-3 homolog) (Azide free) (HRP)
Product Gene Name	anti-SHISA3 antibody
Product Synonym Names	SHISA3; Protein shisa-3 homolog
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	25,832 Da
3D Structure	ModBase 3D Structure for A0PJX4
Immunogen	SHISA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-195 amino acids from the C-terminal region of human SHISA3.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-SHISA3 antibody	Antibodies; Signal Transduction
Applications Tested/Suitable for anti-SHISA3 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-SHISA3 antibody	IHC: 1:50-100 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-SHISA3 antibody	SHISA3 plays an essential role in the maturation of presomitic mesoderm cells by individual attenuation of both FGF and WNT signaling (By similarity).
Product References and Citations for anti-SHISA3 antibody	Furushima, K., et al. Dev. Biol. 306(2):480-492(2007).
Other Notes	Small volumes of anti-SHISA3 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 SHISA3 purchase	MBS6347421 is an antibody targeting SHISA3. Also known as SHISA3, CT (SHISA3, Protein shisa-3 homolog) (Azide free) (HRP). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-SHISA3 antibody
SHISA3 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the SHISA3 antibody detected the SHISA3 protein (arrow).



Immunohistochemistry (IHC) of anti-SHISA3 antibody
SHISA3 Antibody (C-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 SHISA3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SHISA3. It may not necessarily be applicable to this product.

NCBI GI #	122937450
NCBI GeneID	152573
NCBI Accession #	NP_001073974.1
UniProt Primary Accession #	A0PJX4
UniProt Secondary Accession #	Q96EQ5; A0PJX3
UniProt Related Accession #	A0PJX4
GenBank Nucleotide #	NM_001080505.1
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
UniProt Protein Name	Protein shisa-3 homolog
Protein Family	Protein shisa
UniProt Gene Name	SHISA3
UniProt Entry Name	SHSA3_HUMAN
NCBI Protein Information	protein shisa-3 homolog
UniProt Comments for SHISA3	SHISA3: Plays an essential role in the maturation of presomitic mesoderm cells by individual attenuation of both FGF and WNT signaling. Belongs to the shisa family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 4p13 Cellular Component: endoplasmic reticulum membrane; integral to membrane Biological Process: multicellular organismal development

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