

Rabbit ZHX1 Polyclonal Antibody | anti-ZHX1 antibody

ZHX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328758	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

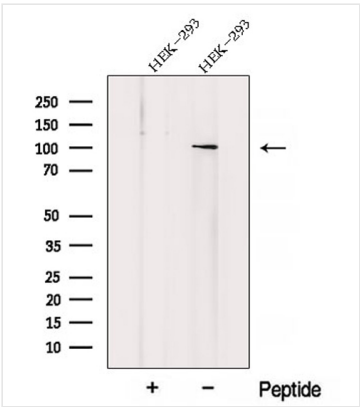
PRODUCT SYNONYMS

ZHX1; Polyclonal Antibody; ZHX1 Antibody; ZHX 1; ZHX1_HUMAN; Zinc finger and homeodomain protein 1; Zinc fingers and homeobox 1; Zinc fingers and homeoboxes 1; Zinc fingers and homeoboxes protein 1; anti-ZHX1 antibody

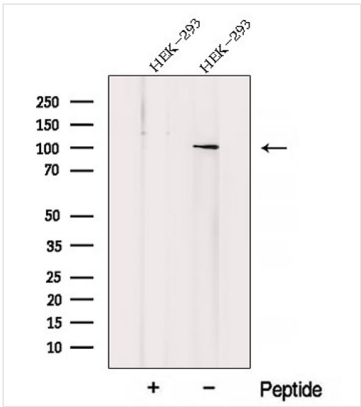
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	ZHX1 Antibody detects endogenous levels of ZHX1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	873
Applicable Applications for anti-ZHX1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ZHX1.
Tissue Specificity	Ubiquitously expressed. Expressed in podocytes.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HEK-293 cells, using ZHX1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Rat liver, using ZHX1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ZHX1 antibody	Description: Acts as a transcriptional repressor. Increases DNMT3B-mediated repressive transcriptional activity when DNMT3B is tethered to DNA. May link molecule between DNMT3B and other co-repressor proteins.
	Subunit Structure: Forms homodimers. Heterodimer (via HD1 domain) with ZHX2 (via HD1 domain). Also forms a heterodimer with ZHX3 which is a prerequisite for repressor activity. Interacts with ATF7IP and NFYA. Interacts (via homeobox domains) with DNMT3B (via PWWP domain).
	Similarity: Belongs to the ZHX family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	44888551
NCBI GeneID	11244
UniProt Accession #	Q9UKY1
Molecular Weight	Observed: 100 kDa Predicted: 99 kDa
NCBI Official Full Name	Zinc fingers and homeoboxes protein 1
NCBI Official Synonym Full Names	zinc fingers and homeoboxes 1
NCBI Official Symbol	ZHX1
NCBI Protein Information	zinc fingers and homeoboxes protein 1
UniProt Protein Name	Zinc fingers and homeoboxes protein 1
UniProt Gene Name	ZHX1
UniProt Entry Name	ZHX1_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.