

Rabbit ZIP7 Polyclonal Antibody | anti-ZIP7 antibody

ZIP7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307122	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

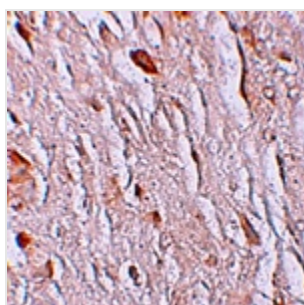
PRODUCT SYNONYMS

ZIP7; Polyclonal Antibody; ZIP7 Antibody; Solute carrier family 39 member A7; Slc39A7; HKE4; KE4; H2-KE4; D6S115E; RING5; anti-ZIP7 antibody

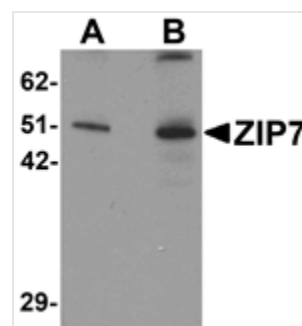
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	469
Applicable Applications for anti-ZIP7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the amino terminus of human ZIP7.
Target Name	ZIP7
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of ZIP7 in human brain tissue with ZIP7 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of ZIP7 in mouse brain tissue lysate with ZIP7 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ZIP7 antibody	The zinc transporter ZIP7, also known as SLC39A7, is a member of a family of divalent ion transporters. Zinc is an essential ion for cells and plays significant roles in the growth, development, and differentiation. ZIP7 was initially identified while characterizing genes in the major histocompatibility complex on chromosome 17. ZIP7 mRNA is abundantly and widely expressed and the protein localizes to the Golgi apparatus. It functions to transport intracellular zinc from the Golgi apparatus to the cytoplasm of the cell. ZIP7 expression is expressed by zinc. ZIP7 has been suggested to act a hub for tyrosine kinase activation and may thus be a potential therapeutic target for diseases such as cancer where prevention of tyrosine kinase activation would be advantageous.
Product Categories/Family for anti-ZIP7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	117553619
NCBI GeneID	7922
NCBI Accession #	NP_001070984
NCBI GenBank Nucleotide #	NM_001077516.1
Molecular Weight	50,118 Da
NCBI Official Full Name	zinc transporter SLC39A7 isoform 1
NCBI Official Synonym Full Names	solute carrier family 39 (zinc transporter), member 7
NCBI Official Symbol	SLC39A7
NCBI Official Synonym Symbols	KE4; HKE4; ZIP7; RING5; H2-KE4; D6S115E; D6S2244E
NCBI Protein Information	zinc transporter SLC39A7
UniProt Protein Name	Zinc transporter SLC39A7
UniProt Gene Name	SLC39A7
UniProt Synonym Gene Names	HKE4; RING5; ZIP7
UniProt Entry Name	S39A7_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/zip7-antibody-immunohistochemistry-western-blot-elisa/307122>