

ZIP7 Antibody

Catalog No: #25230

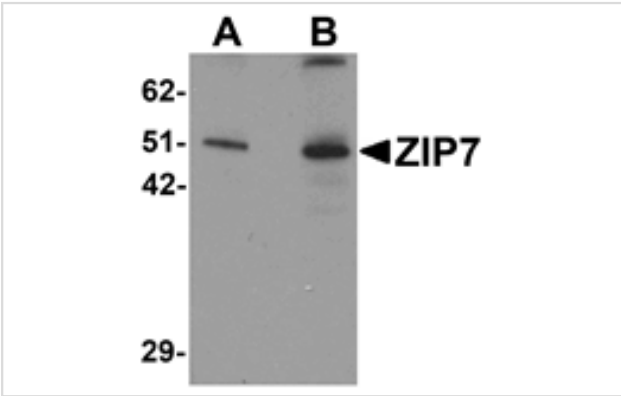


Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

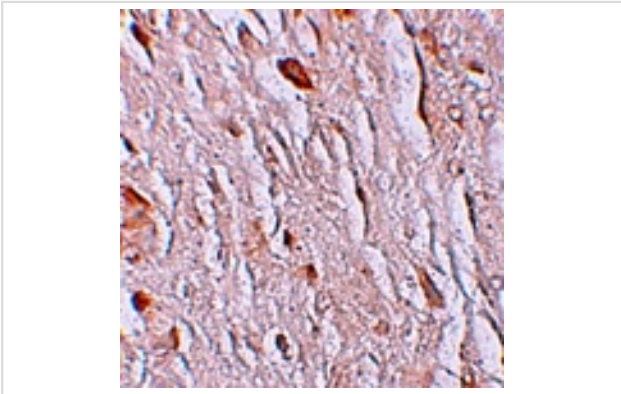
Description

Product Name	ZIP7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the amino terminus of human ZIP7.
Target Name	ZIP7
Other Names	Solute carrier family 39 member A7, Slc39A7, HKE4, KE4, H2-KE4, D6S115E, RING5
Accession No.	Swiss-Prot:Q92504Gene ID:7922
Uniprot	Q92504
GeneID	7922;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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



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



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

Background

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.

Note: This product is for in vitro research use only