EHD3 Antibody

Catalog No: #47094

Orders: order@signalwayantibody.com
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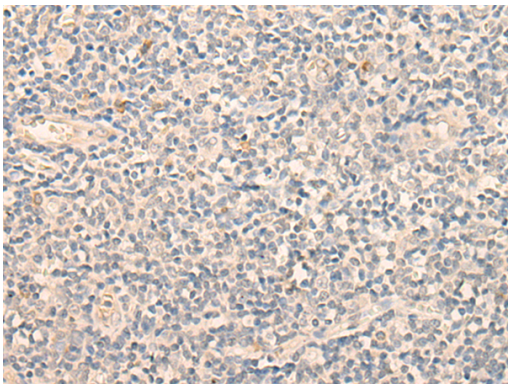
Description

Product Name	EHD3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EHD3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human EHD3
Target Name	EHD3
Other Names	PAST3
Accession No.	Swiss-Prot#:Q9NZN3 NCBI Gene ID:30845Gene Accssion:NP_055415
Uniprot	Q9NZN3
GeneID	30845;
Calculated MW	61 kDa
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

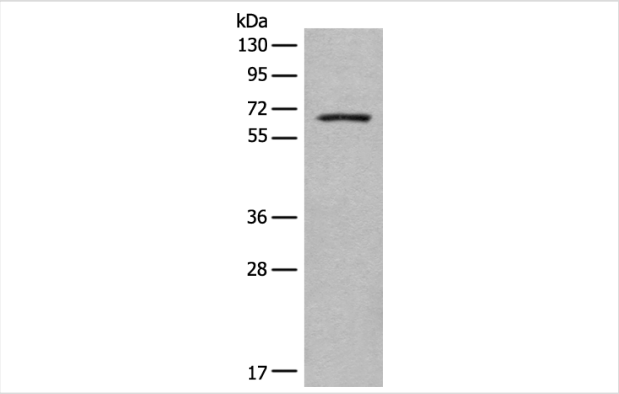
Application Details

Western blotting:1:200-1000Immunofluorescence:1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using 47094(EHD3 Antibody) at dilution 1/20. (Original magnification: ?00)



Gel: 8%SDS-PAGE
Lysate: 40 µg, Lane: Mouse brain tissue lysate
Primary antibody:EHD3 Antibody at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes

Background

The Eps15 homology (EH) domain-containing protein family consists of four members, EHD1, EHD2, EHD3, and EHD4. The chromosomal locations of the human EHD genes are as follows: EHD1 maps to 11q13, EHD2 maps to 19q13.3, EHD3 maps to 2p21, and EHD4 maps to 15q11.1 (1-3). The encoded proteins of all EHD family members contain multiple conserved regions, which include an amino-terminal nucleotide-binding consensus site, a bipartite nuclear localization signal, and a carboxy-terminal EH protein-binding domain with an EF-hand motif (3,4). EHD1 is ubiquitously expressed with increased expression in testis (2,3). EHD2, EHD3, and EHD4 have more specific expression with EHD2 highly expressed in heart, EHD3 expressed in brain, kidney, liver, placenta, ovary, and heart, and EHD4 expressed in heart, placenta, and pancreas (1,5,6). The EHD proteins may participate in ligand-induced endocytosis (3-5).

Note: This product is for in vitro research use only