

TYROBP Antibody

Catalog No: #32819

Package Size: #32819-1 50ul #32819-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

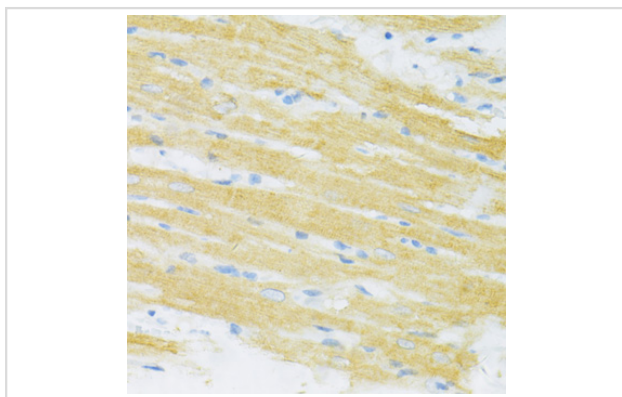
Description

Product Name	TYROBP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	IHC
Species Reactivity	Mouse,Rat
Specificity	The antibody detects endogenous level of total TYROBP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TYROBP.
Target Name	TYROBP
Other Names	DAP12; KARAP; PLOSL;
Accession No.	Swiss-Prot:O43914NCBI Gene ID:7305
Uniprot	O43914
GeneID	7305;
SDS-PAGE MW	12KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

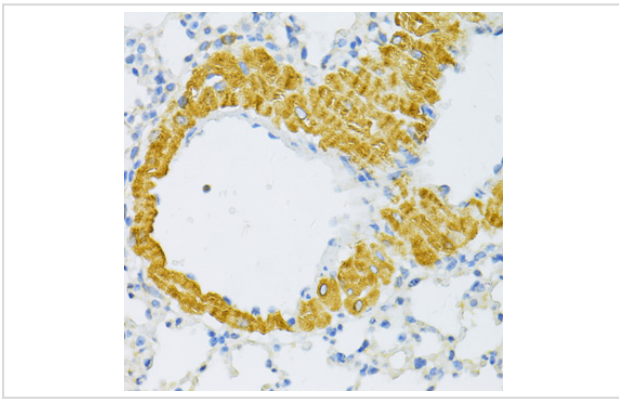
Application Details

IHC 1:50 - 1:200

Images



Immunohistochemistry of paraffin-embedded rat heart using TYROBP at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using TYROBP at dilution of 1:100 (40x lens).

Background

This gene encodes a transmembrane signaling polypeptide which contains an immunoreceptor tyrosine-based activation motif (ITAM) in its cytoplasmic domain. The encoded protein may associate with the killer-cell inhibitory receptor (KIR) family of membrane glycoproteins and may act as an activating signal transduction element. This protein may bind zeta-chain (TCR) associated protein kinase 70kDa (ZAP-70) and spleen tyrosine kinase (SYK) and play a role in signal transduction, bone modeling, brain myelination, and inflammation. Mutations within this gene have been associated with polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL), also known as Nasu-Hakola disease. Its putative receptor, triggering receptor expressed on myeloid cells 2 (TREM2), also causes PLOSL. Multiple alternative transcript variants encoding distinct isoforms have been identified for this gene.

Note: This product is for in vitro research use only