

TYROBP Rabbit Polyclonal Antibody



CAB5385

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:**Calculated MW:**

11kDa/12kDa

Applications:

IHC

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

IHC 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

7305

Uniprot

O43914

Synonyms:

TYROBP; DAP12; KARAP; PLOSL

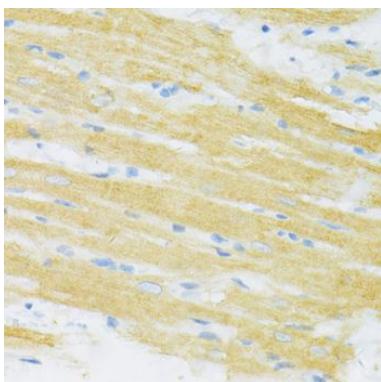
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-113 of human TYROBP (NP_003323.1).

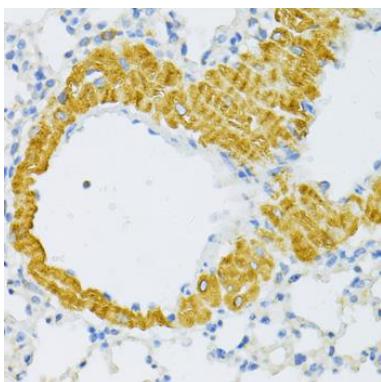
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry of paraffin-embedded rat heart using TYROBP antibody (CAB5385) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using TYROBP antibody (CAB5385) at dilution of 1:100 (40x lens).