

Datasheet for ABIN1694524

anti-TYROBP antibody (AA 11-100) (AbBy Fluor® 488)



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Overview

Quantity:	100 µL
Target:	TYROBP
Binding Specificity:	AA 11-100
Reactivity:	Human
Host:	Rabbit
Clonality:	P

Target Details

associated protein, KARAP, Killer activating receptor associated protein, Killer-activating receptor-associated protein, PLOSL, TYOBP_HUMAN, TYRO protein tyrosine kinase binding protein, TYRO protein tyrosine kinase-binding protein, TYROBP.

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 70 kDa (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. [provided by RefSeq, Mar 2010