

bs-12630R**[Primary Antibody]****BioSS**
ANTIBODIES

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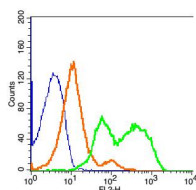
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TYROBP Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: Flow-Cyt (1µg/Test)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog, Horse)
GeneID: 7305	SWISS: O43914	Predicted MW.: 10 kDa
Target: TYROBP		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human DAP12: 31-113/113.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. [provided by RefSeq, Mar 2010]		

VALIDATION IMAGES

Blank control: mouse splenocytes(blue) Isotype
Control Antibody: Rabbit IgG-PE(orange) ;
Primary Antibody Dilution: 1µl in 100 µL1X PBS
containing 0.5% BSA(green).

SELECTED CITATIONS

- **[IF=2.924]** He, Ruifen. et al. Identification of Common and Specific Genes Involved in Mouse Models of Age-Related and Cyclophosphamide-Induced Diminished Ovarian Reserve. REPROD SCI. 2022 Dec;;1-14 IHC ;Mouse. 36587055
- **[IF=2.7]** Xiaohui Li. et al. MHC-I in the hippocampus promotes comorbid depressive symptoms in bone cancer pain via the upregulation of microglial TREM2/DAP12 signaling. BEHAV BRAIN RES. 2024 Mar;461:114843 IHC ;Mouse. 38176616