

## CAB14794

### Product Information

<b>Product SKU:</b>	CAB14794	<b>Gene ID:</b>	7305	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

### Additional Information

<b>Observed MW:</b>	12kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	12kDa	<b>Isotype:</b>	IgG

### Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000
<b>Synonyms:</b>	DAP12; KARAP; PLOSL; PLOSL1; TYROBP
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 1-113 of human TYROBP (NP_003323.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.