

## **Product datasheet for TA360852**

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OriGene Technologies, Inc.

## **DAP12 (TYROBP) Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the C terminal region of human

**TYROBP** 

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 12 kDa

**Gene Name:** TYRO protein tyrosine kinase binding protein

**Database Link:** <u>NP 001166985.1</u>

Entrez Gene 7305 Human

<u>043914</u>





Background:

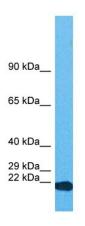
This gene encodes a transmembrane signaling polypeptide which contains an immunoreceptor tyrosine-based activation motif (ITAM) in its cytoplasmic domain. The encoded protein may associate with the killer-cell inhibitory receptor (KIR) family of membrane glycoproteins and may act as an activating signal 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

Synonyms: DAP12; KARAP; PLO-SL; PLOSL

Protein Families: Druggable Genome, Transmembrane
Protein Pathways: Natural killer cell mediated cytotoxicity

## **Product images:**



Host: Rabbit
Target Name: TYROBP
Sample Type: Jurkat Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: TYROBP

Sample Tissue: Human Jurkat Whole Cell lysates

Antibody Dilution: 1ug/ml