

## Product datasheet for **TA319099**

### DAP12 (TYROBP) Rabbit Polyclonal Antibody

#### Product data:

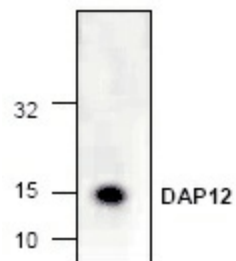
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 ug/ml
Reactivity:	Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to residues surrounding amino acids 94 of mouse DAP-12
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	TYRO protein tyrosine kinase binding protein
Database Link:	<a href="#">NP_937758</a> <a href="#">Entrez Gene 22177 Mouse</a> <a href="#">Entrez Gene 361537 Rat</a> <a href="#">O43914</a>
Background:	DAP12 (KARAP) is a natural killer (NK) cell-expressed cell surface receptor and belongs to the immunoglobulin and C-type lectin superfamily. Unlike other members of this family which possess immunoreceptor tyrosine-based inhibitory motifs (ITIM), DAP12 contains an immunoreceptor tyrosine-based activation motif (ITAM) in its cytoplasmic domain and is present as a disulphide-bonded homodimer. Crosslinking of DAP 12-KIR complexes (membrane glycoproteins of the killer-cell inhibitory receptor family without an ITIM in their cytoplasmic domain) results in cellular activation.
Synonyms:	DAP12; KARAP; PLOSL
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Natural killer cell mediated cytotoxicity

### Product images:



Western blot analysis of DAP12 expression in rat kidney tissue lysate.