

Product datasheet for **AP05157PU-N**

DAP12 (TYROBP) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IP, WB |
| Recommended Dilution: | Western Blot. Immunoprecipitation: Use 2-4 µg/ml of protein lysate. Positive Control: NKp44 positive cells. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant DAP12 protein. |
| Specificity: | This antibody is specific to DAP12. |
| Formulation: | PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.08% Sodium Azide |
| Concentration: | lot specific |
| Purification: | Ammonium Sulfate Precipitation |
| Conjugation: | Unconjugated |
| Storage: | Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | TYRO protein tyrosine kinase binding protein |
| Database Link: | Entrez Gene 7305 Human O43914 |



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Background:

DAP12 is a transmembrane adaptor protein that is non-covalently associated with several cell surface receptors on natural killer (NK), myeloid, and presumably neuronal cells (1,2). DAP12 contains an ITAM domain that preferentially recruits the protein tyrosine kinase Syk to initiate signal transduction (3). Deficiency of DAP12 results in reduced antigen presentation function by myeloid cells and defects in function of certain NK cell receptors in mice (4,5), as well as presenile dementia and bone cysts in humans (6).

Synonyms:

KARAP

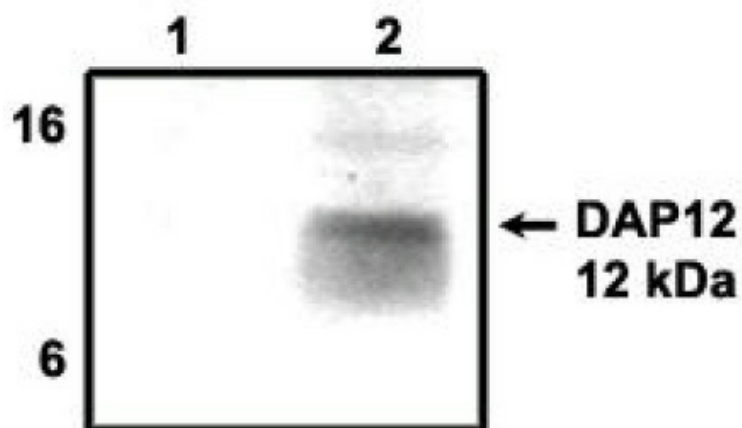
Product images:

Figure 1. Immunoprecipitation using DAP12 antibody on MHC class I (1) and NKp44 (2) positive cells.