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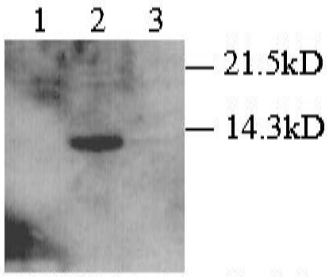
Tyrobp
Rabbit Anti-Rat TYROBP/DAP12/DNAX-activation protein 12 pAb

Catalog No.	CPD001	**Quantity:**	200 µg
Alternate Names:	Karap, DAP12, killer cell activating receptor-associated protein		
Description:	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 a disulfide-bonded homodimer. Crosslinking of DAP12-KIR complexes (membrane glycoproteins of the killer-cell inhibitory receptor family without an ITIM in their cytoplasmic domain) results in cellular activation.		
Gene ID:	361537		
Specificity:	Rat DAP12		
Host:	Rabbit		
Immunogen:	Recombinant DAP12 peptide (amino acids 28-40)		
Isotype:	IgG		
Formulation:	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein G purified		
Reconstitution:	**Centrifuge vial prior to opening**. Reconstitute to 1 mg/ml by adding 200 µl PBS.		
Cross-Reactivity:	Reacts with both recombinant and natural rat DAP12. Cross-reactivity to DAP12 of other species has not been determined.		
Applications:	Western blot: working dilution of 1:1,000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	4°C for short term storage or -20°C in small aliquots for long term storage. **Avoid repeated freeze-thaw cycles**.		



Rat DAP12 detected on Day 3, 8, and 10 by Western blot in a tubular interstitial nephritis model

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