



[Go to Product page](#)

Datasheet for ABIN1701221  
**anti-TYROBP antibody (AA 31-113) (Biotin)**

### Overview

Quantity:	100 µL
Target:	TYROBP
Binding Specificity:	AA 31-113
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYROBP antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DAP12
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	TYROBP
Alternative Name:	DAP12 ( <a href="#">TYROBP Products</a> )

## Target Details

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**Background:** Synonyms: DAP 12, DAP12, DNAX activation protein 12, DNAX-activation protein 12, KAR-associated protein, KARAP, Killer activating receptor associated protein, Killer-activating receptor-associated protein, PLOSL, TYOBP\_HUMAN, TYRO protein tyrosine kinase binding protein, TYRO protein tyrosine kinase-binding protein, TYROBP.

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 70 kDa (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. [provided by RefSeq, Mar 2010]

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**Gene ID:** 7305

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**UniProt:** [O43914](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months