

DNAXPab

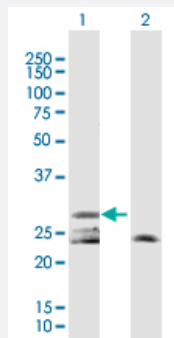
Hard-to-Find
Antibody

TYROBP DNAXPab

Catalog # H00007305-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TYROBP expression in transfected 293T cell line by TYROBP DNAXPab polyclonal antibody.

Lane 1: TYROBP transfected lysate(31.24 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TYROBP DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	TYROBP (NP_003323.1, 22 a.a. ~ 113 a.a) full-length human DNA
Sequence	LRPVQAQAQSDCSCSTVSPGVLAGVMGDLVLTVLIALAVYFLGRLVPRGRGAAEAATRKQRITET ESPYQELQGQRSDVYSDLNTQRPYYK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — TYROBP

Entrez GeneID [7305](#)

GeneBank Accession# [NM_003332.2](#)

Protein Accession# [NP_003323.1](#)

Gene Name TYROBP

Gene Alias DAP12, KARAP, PLOSL

Gene Description TYRO protein tyrosine kinase binding protein

Omim ID [221770 604142](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Two alternative transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described, but their full-length nature has not been determined. [provided by RefSeq]

Other Designations DNAX-activation protein 12|killer activating receptor associated protein

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Brain Diseases](#)
- [Demyelinating Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Ovarian Neoplasms](#)