abcam

Product datasheet

Recombinant Human DAP12 protein ab132176

1 Image

Description

Product name	Recombinant Human DAP12 protein
Expression system	Wheat germ
Accession	O43914
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGGLEPCSRLLLLPLLLAVSGLRPVQAQAQSDCSCSTVS PGVLAGIVMGD LVLTVLIALAVYFLGRLVPRGRGAAEAATRKQRITETESPY QELQGQRSD VYSDLNTQRPYYK
Predicted molecular weight	39 kDa including tags
Amino acids	1 to 113

Specifications

Our **Abpromise guarantee** covers the use of **ab132176** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot SDS-PAGE
Form	Liquid

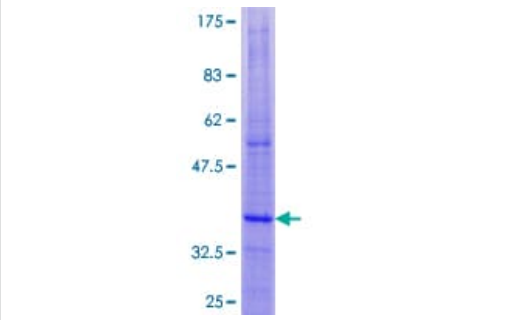
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Non-covalently associates with activating receptors of the CD300 family. Cross-linking of CD300-TYROBP complexes results in cellular activation.
Tissue specificity	Expressed at low levels in the early development of the hematopoietic system and in the promonocytic stage and at high levels in mature monocytes. Expressed in hematological cells and tissues such as peripheral blood leukocytes and spleen. Also found in bone marrow, lymph nodes, placenta, lung and liver. Expressed at lower levels in different parts of the brain especially in the basal ganglia and corpus callosum.
Involvement in disease	Defects in TYROBP are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL) [MIM:221770]; also called presenile dementia with bone cysts or Nasu-Hakola disease (NHD). PLOSL is a recessively inherited disease characterized by a combination of psychotic symptoms rapidly progressing to presenile dementia and bone cysts restricted to wrists and ankles. PLOSL has a global distribution, although most of the patients have been diagnosed in Finland and Japan, with an estimated population prevalence of 2x10(-6) in the Finns.
Sequence similarities	Belongs to the TYROBP family.
Post-translational modifications	Tyrosine phosphorylated.
Cellular localization	Membrane.

Images



SDS-PAGE - Recombinant Human DAP12 protein (ab132176)

12.5% SDS-PAGE analysis of ab132176 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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