Datasheet for ABIN306916
anti-TYROBP antibody (Cytoplasmic Domain)

1	Image

Overview

Quantity:	100 μg
Target:	TYROBP
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYROBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Rabbit immunized with recombinant DAP12 protein (cytoplasmic domain).
Cross-Reactivity:	Human, Mouse
Characteristics:	TYRO protein tyrosine kinase-binding protein, DNAX-activation protein 12, Killer-activating receptor-associated protein, KARAP, TYROBP,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).
Purification:	Ammonium Sulfate Precipitation

Target Details

Target:	TYROBP
Alternative Name:	DAP12 (TYROBP Products)
UniProt:	O43914

Application Details

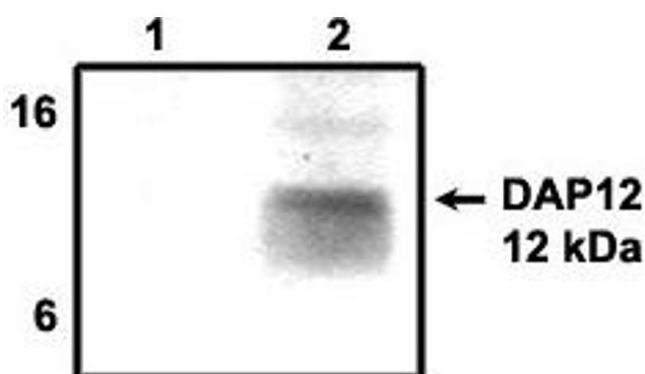|	
Application Notes:	Antibody can be used for immunoprecipation (2-4 µg/mg of protein lysate). Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

Images

Immunoprecipitation

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