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Datasheet for ABIN5008166
anti-CLEC11A antibody (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	CLEC11A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLEC11A antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Pleckstrin/p47
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CLEC11A
Alternative Name:	p47 (CLEC11A Products)
Background:	Synonyms: p47, Platelet 47 kDa protein, Platelet and leukocyte C kinase substrate, Platelet P47, Platelet p47 protein, Pleckstrin, PLEK, PLEK_HUMAN, FLJ27168, OTTHUMP00000159962. Background: Platelet P47, also known as NSFL1C, UBX1, UBXD10 or UBXN2C, is a 370 amino acid protein that localizes to both the nucleus and the golgi apparatus (specifically to golgi

Target Details

stacks) and contains one SEP domain and one UBX domain. Functioning as part of a ternary complex with VCP (a protein involved in the heterotypic fusion of transport vesicles with their target membranes) and Syntaxin 5, p47 interacts with and reduces the ATPase activity of VCP and is required for the fragmentation of golgi stacks during mitosis and for subsequent reassembly of golgi stacks after mitosis. p47 is subject to phosphorylation during mitosis, which inhibits p47-golgi interaction and is, therefore, required for proper golgi stack formation and cisternal regrowth. Human p47 shares 89 % sequence identity with its mouse counterpart, suggesting a conserved role between species. Multiple isoforms of p47 exist due to alternative splicing events.

Gene ID: 5341

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months