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Datasheet for ABIN7150618

**anti-DOC2B antibody (AA 7-180) (HRP)**

## Overview

Quantity:	100 µg
Target:	DOC2B
Binding Specificity:	AA 7-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOC2B antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Double C2-like domain-containing protein beta protein (7-180AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	DOC2B
Alternative Name:	DOC2B ( <a href="#">DOC2B Products</a> )
Background:	Background: Calcium sensor which positively regulates SNARE-dependent fusion of vesicles with membranes. Binds phospholipids in a calcium-dependent manner and may act at the

## Target Details

priming stage of fusion by modifying membrane curvature to stimulate fusion. Involved in calcium-triggered exocytosis in chromaffin cells and calcium-dependent spontaneous release of neurotransmitter in absence of action potentials in neuronal cells. Involved both in glucose-stimulated insulin secretion in pancreatic cells and insulin-dependent GLUT4 transport to the plasma membrane in adipocytes (By similarity).

Aliases: Doc2 beta antibody, Doc2-beta antibody, Doc2b antibody, DOC2B\_HUMAN antibody, DOC2BL antibody, Double C2 like domain containing protein beta antibody, Double C2 like domains beta antibody, Double C2 like domains beta like antibody, Double C2-like domain-containing protein beta antibody, OTTMUSP00000006522 antibody, RP23 78H4.2 antibody

UniProt: [Q14184](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.