# antibodies .- online.com







## anti-DOC2B antibody



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Quantity:	100 μg
Target:	DOC2B
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOC2B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

#### **Product Details**

Immunogen:	double C2-like domains, beta
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

#### Target Details

Target:	DOC2B
Alternative Name:	DOC2B (DOC2B Products)
Background:	Synonyms:DOC2BL 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 priming stage of fusion by modifying membrane curvature to stimulate fusion.
	Involved in calcium-triggered exocytosis in chromaffin cells and calcium-dependent

#### **Target Details**

	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).
Molecular Weight:	46kd
Gene ID:	8447
UniProt:	Q14184
Pathways:	Positive Regulation of Peptide Hormone Secretion

## Application Details

Application Notes:	WB: 1:500-1:2000, IF: 1:20-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months