

# DOC2B rabbit pAb

Cat No.:ES16917

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## Overview

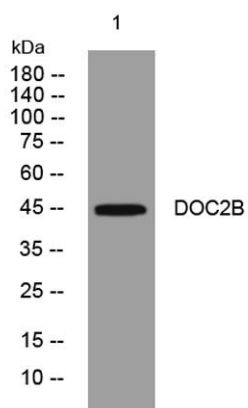
Product Name	DOC2B rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human DOC2B AA range: 332-382
Specificity	This antibody detects endogenous levels of DOC2B at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DOC2B
Gene Name	DOC2B DOC2BL
Cellular localization	Cytoplasm. Cytoplasmic granule . Cell membrane ; Peripheral membrane protein . Translocates to the plasma membrane in a calcium-dependent manner. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	8447
Human Swiss-Prot Number	Q14184
Alternative Names	
Background	There are at least two protein isoforms of the Double C2 protein, namely alpha (DOC2A) and beta (DOC2B), which contain two C2-like domains. DOC2A and DOC2B are encoded by different genes; these genes are at times confused with the unrelated DAB2 gene which was initially named





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DOC-2. DOC2B is expressed ubiquitously and is suggested to be involved in  $\text{Ca}^{2+}$ -dependent intracellular vesicle trafficking in various types of cells. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4° over night



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