antibodies -online.com







anti-DOC2A antibody (N-Term)





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Quantity:	100 μL
Target:	DOC2A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOC2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	HCSILRAKGL KPMDFNGLAD PYVKLHLLPG ACKANKLKTK TQRNTLNPVW
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DOC2A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DOC2A
Alternative Name:	DOC2A (DOC2A Products)
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 DOC-2. DOC2A is mainly expressed in brain and is suggested to be involved in Ca(2+)-
dependent neurotransmitter release.

Alias Symbols: Doc2

Protein Interaction Partner: UBASH3B, RAP1GDS1, DYNLT1, UNC13B, STXBP1,

Protein Size: 400

 Molecular Weight:
 44 kDa

 Gene ID:
 8448

 NCBI Accession:
 NM_003586, NP_003577

 UniProt:
 Q14183

Pathways: Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 400 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

90 kDa__ 65 kDa__ 40 kDa__ 29 kDa__ 22 kDa__

Western Blotting

Image 1.

Rabbit Anti-DOC2A Antibody Catalog Number: ARP64731 Lot Number: QC35423 Lane: Placenta Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%