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Datasheet for ABIN870654

anti-DOC2A antibody (AA 233-246)





Overview

Quantity:	100 μg
Target:	DOC2A
Binding Specificity:	AA 233-246
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DOC2A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	DOC2A (aa233-246)
Immunogen:	Peptide with sequence SCYLKELEQAEQGQ, from the internal region of the protein sequence according to NP_003577.2.
Sequence:	SCYLKELEQA EQGQ
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

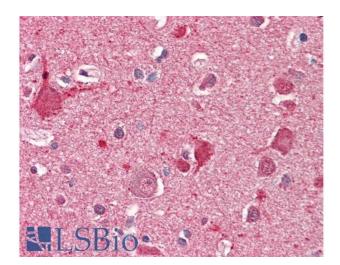
Target:	DOC2A
Alternative Name:	DOC2A (DOC2A Products)
Background:	DOC2A, double C2-like domains, alpha, Doc2, doc2-alpha, double C2-like domain-containing protein alpha
Molecular Weight:	50kDa
Gene ID:	8448, 13446, 65031
NCBI Accession:	NP_003577
Pathways:	Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended
	concentration: 5 μg/mL.
	Western Blot: Preliminary experiments gave an approx 50 kDa band in Human, Mouse and Rat
	Brain lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an
	explanation in the literature for the band we observe given the calculat
	Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN870654 ($5\mu g/ml$) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.