

DOC2A Antibody (aa233-246)
Goat Polyclonal Antibody
Catalog # ALS16814**Specification**

DOC2A Antibody (aa233-246) - Product Information

Application	IHC
Primary Accession	Q14183
Other Accession	8448
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	43959

DOC2A Antibody (aa233-246) - Additional Information**Gene ID** 8448**Other Names**

DOC2A, DOC2, Doc2-alpha, Double C2-like domains, alpha

Target/Specificity

Human DOC2A.

Reconstitution & Storage

Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

DOC2A Antibody (aa233-246) is for research use only and not for use in diagnostic or therapeutic procedures.

DOC2A Antibody (aa233-246) - Protein Information**Name** DOC2A**Function**

Calcium sensor which most probably regulates fusion of vesicles with membranes. Binds calcium and phospholipids. May be involved in calcium dependent neurotransmitter release through the interaction with UNC13A. May be involved in calcium-dependent spontaneous release of neurotransmitter in absence of action potentials in neuronal cells. Regulates Ca(2+)-dependent secretory lysosome exocytosis in mast cells.

Cellular Location

Lysosome. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Peripheral membrane protein. Synapse, synaptosome

Tissue Location

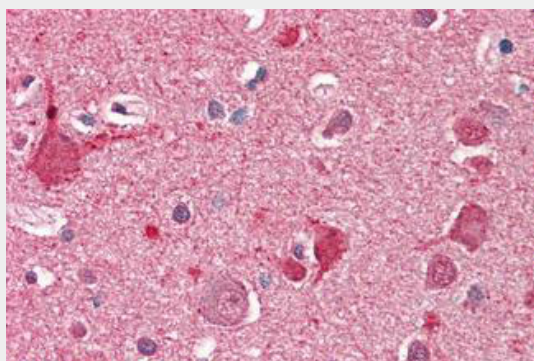
Predominantly expressed in brain. Also expressed in testis.

DOC2A Antibody (aa233-246) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DOC2A Antibody (aa233-246) - Images



Anti-DOC2A antibody IHC staining of human brain, cortex.

DOC2A Antibody (aa233-246) - Background

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DOC2A Antibody (aa233-246) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Sakaguchi G.,et al.Biochem. Biophys. Res. Commun. 217:1053-1061(1995).
Mochida S.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:11418-11422(1998).