

# Product Datasheet

## Doc2-alpha Antibody H00008448-A01

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00008448-A01**

Doc2-alpha Antibody

**Product Information**

<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole antisera with 50% Glycerol

**Product Description**

<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	8448
<b>Gene Symbol</b>	DOC2A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	DOC2A - double C2-like domains, alpha
<b>Immunogen</b>	DOC2A (AAH63436, 1 a.a. - 400 a.a.) full-length recombinant protein with GST tag. MRGRRGDRMTINIQEHMAINVCPGPIRPIRQISDYFPRGPGPEGGGGSGGEAP AHLVPLALAPPAALLGATTPEDGAEVDSYDSDDATALGTLEFDLLYDRASCTLH CSILRAKGLKPMDFNGLADPYVKLHLLPGACKANKLKTQNRNTLNPVWNEDL TYSGITDDDITHKVLRIAVCDEDKLSHNEFIGEIRVPLRRLKPSQKKHFNICLERQ VPLASPSSMSAALRGISCYLKELEQAEQGGQLLEERGRILLSLSYSSRRRGLLV GILRCAHLAAMDVNGYSDPYVKTYLRPDVDKSKHKTCVKKKTLNPEFNEEFF YEIELSTLATKTLEVTWVDYDIGKSNDFIGGVSLGPGARGEARKHWSDCQLQP DAALERWHTLTSELPPAAGALSSA
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	The quality control of this antibody is limited to WB on the immunizing protein. It has been used for ELISA. Abnova's recommended working dilutions for western analysis are as follows: 1:500 dilution for ascites 1:1000 for purified Ig 1:500

**Publications**

Yao J, Gaffaney JD, Kwon SE, Chapman ER. Doc2 is a  $Ca^{2+}$  sensor required for asynchronous neurotransmitter release. Cell. 2011-10-28 [PMID: 22036572]



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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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