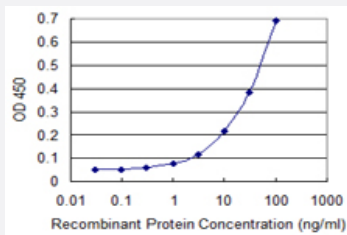


DOC2A monoclonal antibody (M01), clone 3C11

Catalog # H00008448-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DOC2A is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant DOC2A.
Immunogen	DOC2A (AAH63436, 1 a.a. ~ 400 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRGRRGDRMTINIQEHMAINVCPGPIRPIRQISDYFPRGPGPEGGGGSGGEAPAHLVPLALAPPAA LLGATTPEDGAEVDSYDSDDATALGTLEFDLLYDRASCTLHCSILRAKGLKPMDFNGLADPYVKL HLLPGACKANKLKTKTQRNTLNPVWNEDLTYSGITDDDITHKVLRIAVCDEDKLSHNEFIGEIRVPL RRLKPSQKKHFNICLERQVPLASPSSMSAALRGISCYLKELEQAEQGGGLLEERGRILLSLSYSSR RRGLLVGILRCAHLAAMDVNGYSDPYVKTYLRPDVDKKSCHKTCVKKKTLNPEFNEEFFYEIELST LATKTLEVTVWDYDIGKSNDFIGGVSLGPGARGEARKHWSCLQQPDAALERWHTLTSELPPAA GALSSA
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DOC2A is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DOC2A

Entrez GeneID [8448](#)

GeneBank Accession# [BC063436](#)

Protein Accession# [AAH63436](#)

Gene Name DOC2A

Gene Alias -

Gene Description double C2-like domains, alpha

Omim ID [604567](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Mental Retardation](#)
- [Narcolepsy](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)