

## Product datasheet for **TA309524**

### DOC2A Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	ELISA
Reactivity:	Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence SCYLKELEQAEQGQ, from the internal region of the protein sequence according to NP_003577.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	double C2 domain alpha
Database Link:	<a href="#">NP_003577</a> <a href="#">Entrez Gene 13446 Mouse</a> <a href="#">Entrez Gene 65031 Rat</a> <a href="#">Entrez Gene 489945 Dog</a> <a href="#">Entrez Gene 8448 Human</a> <a href="#">Q14183</a>
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. [provided by RefSeq]
Synonyms:	Doc2
Protein Families:	Secreted Protein



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