

Product datasheet for **TA303078**

DCDC2 Goat Polyclonal Antibody

Product data:

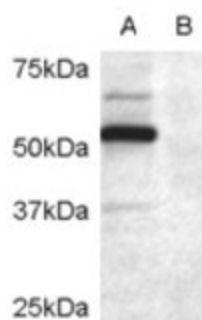
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:4,000. WB: 0.1-0.3ug/ml. IHC: 5-10ug/ml
Reactivity:	Human, Mouse, Rat (Expected from sequence similarity: Dog, Pig)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-DGEEKANKDAEQKED, from the internal region of the protein sequence according to NP_057440.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	doublecortin domain containing 2
Database Link:	NP_057440 Entrez Gene 291130 Rat Entrez Gene 488244 Dog Entrez Gene 51473 Human Q9UHG0
Background:	This gene encodes a protein with two doublecortin peptide domains. This domain has been demonstrated to bind tubulin and enhance microtubule polymerization. Mutations in this gene have been associated with Reading Disability (RD), also referred to as developmental dyslexia. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.
Synonyms:	DCDC2A; NPHP19; RU2; RU2S



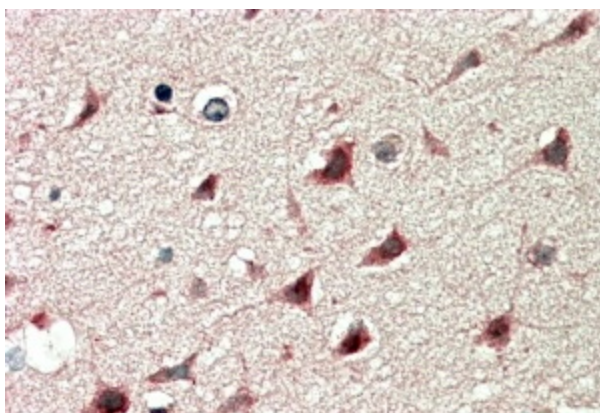
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Note: An anonymous customer found positive results in IHC on Rat retinal tissue. An anonymous customer found positive results in IHC on Rat dorsal root ganglion.

Product images:



TA303078 (0.2ug/ml) staining of COS7 cell lysate transfected with full length recombinant human DCDC2 (A) and untransfected control COS7 cells (B). Primary incubation was 1 hour. Detected by chemiluminescence.



TA303078 (5ug/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.