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EB11130 - Goat Anti-DOC2A (aa233-246) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Doc2, doc2-alpha, double C2-like domain-containing protein alpha, double C2-like domains, alpha, DOC2A
Official Symbol: DOC2A
Accession Number(s): NP_003577.2
Human GeneID(s): 8448
Non-Human GeneID(s): 13446 (mouse), 65031 (rat)

Immunogen

Peptide with sequence SCYLKELEQAEQGQ, from the internal region of the protein sequence according to NP_003577.2.

Please note the peptide is available for sale.

Purification and Storage

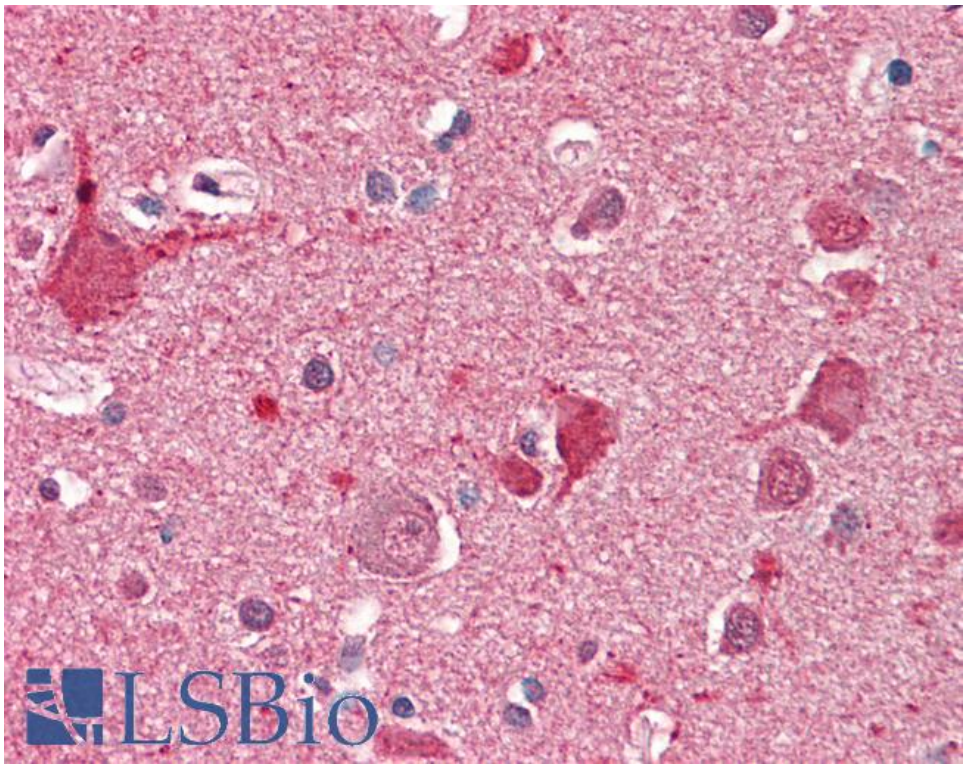
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Preliminary experiments gave an approx 50kDa band in Human, Mouse and Rat Brain lysates after 0.3 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 44kDa according to NP_003577.2. The 50kDa band was successfully blocked by incubation with the immunizing peptide.
IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB11130 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.