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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08387 - Goat Anti-NOVA1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NOVA1, neuro-oncological ventral antigen 1, Nova-1, paraneoplastic Ri antigen, ventral neuron-specific protein 1

Official Symbol: NOVA1

Accession Number(s): NP_002506.2 ; NP_006480.2 ; NP_006482.1

Human GeneID(s): [4857](#)

Important Comments: This antibody is expected to recognise all three reported isoforms (NP_002506.2 ; NP_006480.2 ; NP_006482.1)

Immunogen

Peptide with sequence C-REMPQNVAKTEPVS, from the internal region of the protein sequence according to NP_002506.2 ; NP_006480.2 ; NP_006482.1.

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 1:64000.

Western blot: In transfected HEK293 transiently expressing NOVA1 a band of approx. 52kDa is observed. This band is not observed in the non-transfected HEK293.

Recommended concentration: 0.01-0.03µg/ml.

IHC: In paraffin embedded Human Cerebral Cortex shows staining of selected nuclei.

Recommended concentration, 2-4µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB08387 (2.5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB08387 (0.01µg/ml) staining of Human Breast Cancer lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing NOVA1 (RC210407) and probed with EB08387 (mock transfection in first lane), tested by Origene.