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EB09003 - Goat Anti-AUTS2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: AUTS2, autism susceptibility candidate 2, KIAA0442, MGC13140, autism-related protein 1
Official Symbol: AUTS2
Accession Number(s): NP_056385.1; NP_001120703.1
Human GeneID(s): 26053
Non-Human GeneID(s): 319974 (mouse)
Important Comments: This antibody is expected to recognize isoforms 1 and 2 (NP_056385.1 and NP_001120703.1 resp.).

Immunogen

Peptide with sequence C-ERPPSHTLKDIEAR , from the C Terminus of the protein sequence according to NP_056385.1; NP_001120703.1.

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 1:32000.
Western blot: Preliminary experiments gave an approx 60kDa band in Human Brain (Cerebral Cortex and Frontal Cortex) lysates after 0.3µg/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 139kDa according to NP_056385.1 and of 136kDa according to NP_001120703.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

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