

Goat anti-AUTS2 Antibody

Item Number	dAP-1629
Target Molecule	Principle Name: AUTS2 ; Official Symbol: AUTS2; All Names and Symbols: AUTS2; autism susceptibility candidate 2; KIAA0442; MGC13140; autism-related protein 1; Accession Number (s): NP_056385.1; NP_001120703.1; Human Gene ID(s): 26053; Non-Human GeneID(s): 319974 (mouse)
Immunogen	ERPPSHTLKDIEAR , is from C Terminus This antibody is expected to recognize isoforms 1 and 2 (NP_056385.1 and NP_001120703.1 resp.).
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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
IHC	

Reference	Reference(s): Bakkaloglu B, O'Roak BJ, Louvi A, Gupta AR, Abelson JF, Morgan TM, Chawarska K, Klin A, Ercan-Sencicek AG, Stillman AA, Tanriver G, Abrahams BS, Duvall JA, Robbins EM, Geschwind DH, Biederer T, Gunel M, Lifton RP, State MW. Molecular cytogenetic analysis and resequencing of contactin
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Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**