

Goat anti-Engrailed-2 Antibody

Item Number	dAP-0794
Target Molecule	Principle Name: Engrailed-2; Official Symbol: EN2; All Names and Symbols: Engrailed-2; engrailed homolog 2 ; EN2; AUTS1; Accession Number (s): NP_001418.2; Human Gene ID(s): 2020; Non-Human GeneID (s):
Immunogen	NHSTTAKEGKSDSE, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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 4000.
Western Blot	Western Blot: Approx. 30kDa band observed in Mouse and Rat Brain lysates (calculated MW of 34.2kDa according to Human NP_001418.2 and of 33.8kDa according to Mouse NP_034264.1 and of 33.7kDa according to Rat NP_001102684.1). Recommended concentration: 0.
IHC	
Reference	Reference(s): Benayed R, Gharani N, Rossman I, Mancuso V, Lazar G, Kamdar S, Bruse SE, Tischfield S, Smith BJ, Zimmerman RA, Dicicco-Bloom E, Brzustowicz LM, Millonig JH. Support for the Homeobox Transcription Factor Gene ENGRAILED 2 as an Autism Spectrum Disorder Susceptibility Locus. Am J Hum

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 end users! This product is sold for **Research Use Only**