

## Goat anti-Engrailed-2 Antibody

<b>Item Number</b>	dAP-0794
<b>Target Molecule</b>	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):
<b>Immunogen</b>	NHSTTAKEGKSDSE, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Benayed R, Gharani N, Rossman I, Mancuso V, Lazar G, Kamdar S, Bruse SE, Tischfield S, Smith BJ, Zimmerman RA, Diccio-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 ender users! This product is sold for **Research Use Only**