

## Goat anti-POU3F3 / BRN1 / OCT8 Antibody

<b>Item Number</b>	dAP-2110
<b>Target Molecule</b>	Principle Name: POU3F3 / BRN1 / OCT8; Official Symbol: POU3F3; All Names and Symbols: POU3F3; POU class 3 homeobox 3; BRN1; OTF8; OTF-8; POU domain, class 3, transcription factor 3; brain-1; brain-specific homeobox/POU domain protein 1; brn-1; oct-8; octamer-binding protein 8; octamer-binding transcription factor 8; Accession Number (s): NP_006227.1; Human Gene ID(s): 5455; Non-Human GeneID(s): 18993 (mouse) 192109 (rat)
<b>Immunogen</b>	HMLSHAHQWVTAL, is from internal region
<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 48kDa band observed in Mouse and Rat Spinal Cord lysates (calculated MW of 50.3kDa according to Human NP_006227.1 and 50.2kDa according to Mouse NP_032926.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Castro DS, Skowronska-Krawczyk D, Armant O, Donaldson IJ, Parras C, Hunt C, Critchley JA, Nguyen L, Gossler A, Gttgens B, Matter JM, Guillemot F, Proneural bHLH and Brn proteins coregulate a neurogenic program through cooperative binding to a conserved DNA motif. Developmental cell 2006

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**