

Goat anti-POU3F2 / BRN2 / OCT7 Antibody

Item Number	dAP-2109
Target Molecule	Principle Name: POU3F2 / BRN2 / OCT7; Official Symbol: POU3F2; All Names and Symbols: POU3F2; POU class 3 homeobox 2; BRN2; OCT7; OTF7; POUF3; POU domain, class 3, transcription factor 2; Accession Number (s): NP_005595.2; Human Gene ID(s): 5454; Non-Human GeneID(s): 18992 (mouse) 29588 (rat)
Immunogen	AQSLVQGDY GALQSN, is from internal region (near N Terminus)
Applications	Pep ELISA, WB Species Tested: Human, 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 8000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Brain (Cerebellum) and in Mouse and Rat Brain lysates (calculated MW of 46.9kDa according to Human NP_005595.2 and 47.1kDa according to Mouse NP_032925.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Cabos-Siguiet B, Steunou AL, Joseph G, Alazard R, Ducoux-Petit M, Nieto L, Monsarrat B, Erard M, Clottes E, Expression and purification of human full-length N Oct-3, a transcription factor involved in melanoma growth. Protein expression and purification 2009 Mar 64 (1): 39-46..PMID: 18996486->

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**