

## Goat anti-OCT6 / POU3F1 Antibody

Item Number	dAP-1015
Target Molecule	Principle Name: OCT6 / POU3F1; Official Symbol: POU3F1; All Names and Symbols: POU3F1; POU domain, class 3, transcription factor 1; OCT6; OTF6; SCIP ; octamer-binding transcription factor 6; Accession Number (s): NP_002690.3; Human Gene ID(s): 5453; Non-Human GeneID(s): 18991 (mouse) 192110 (rat)
Immunogen	GHPPMDDVYAPGE, is from internal region
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 2000.
Western Blot	Western Blot: Preliminary experiments in lysates of Human Brain (Cerebellum, Hippocampus, Frontal Cortex), Mouse Brain, Rat Brain and Rat Spinal Cord gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate
IHC	
Reference	Reference(s): Friedrich RP, Schlierf B, Tamm ER, Bosl MR, Wegner M. The class III POU domain protein Brn-1 can fully replace the related Oct-6 during schwann cell development and myelination. Mol Cell Biol. 2005 Mar;25(5):1821-9. PMID: 15713637 ->

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**