



## Goat anti-Neurogenin 1 Antibody

<b>Item Number</b>	dAP-1181
<b>Target Molecule</b>	Principle Name: Neurogenin 1; Official Symbol: NEUROG1; All Names and Symbols: NEUROG1; neurogenin 1; AKA; Math4C; NEUROD3; ngn1; neurogenic differentiation 3; Accession Number (s): NP_006152.2; Human Gene ID(s): 4762; Non-Human GeneID(s): 18014 (mouse) 29410 (rat)
<b>Immunogen</b>	KDLLHTTPCFIPYH, is from C Terminus
<b>Applications</b>	Pep ELISA Species Tested:
<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 8000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 37kDa band in nuclear lysates of cell line HeLa after 2ug/ml antibody staining. The 37kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from
<b>IHC</b>	
<b>Reference</b>	Reference(s): Fanous AH, Chen X, Wang X, Amdur RL, O'Neill FA, Walsh D, Kendler KS. Association between the 5q31.1 gene neurogenin1 and schizophrenia. Am J Med Genet B Neuropsychiatr Genet. 2007 Mar 5;144(2):207-14..PMID: 17044100->

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**