

## Goat anti-PRDM4 / PFM1 Antibody

<b>Item Number</b>	dAP-0545
<b>Target Molecule</b>	Principle Name: PRDM4 / PFM1; Official Symbol: PRDM4; All Names and Symbols: PRDM4; PFM1; MGC45046; PR domain containing 4; PR-domain zinc-finger protein PFM1; MGC45046; Accession Number (s): NP_036538.3; Human Gene ID(s): 11108; Non-Human GeneID(s):
<b>Immunogen</b>	CSAVYSADESLSAHK, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 70kDa band observed in human and mouse brain lysates (calculated MW of 87.9kDa according to NP_036538). Recommended concentration: 0.3-2µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Chittka A, Arevalo JC, Rodriguez-Guzman M, Perez P, Chao MV, Sendtner M. The p75NTR-interacting protein SC1 inhibits cell cycle progression by transcriptional repression of cyclin E. J Cell Biol. 2004 Mar 29;164(7):985-96. .PMID: 15051733 ->

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**