

Goat anti-PRDM14 (aa414-427) Antibody

Item Number	dAP-2346
Target Molecule	Principle Name: PRDM14 (aa414-427); Official Symbol: PRDM14; All Names and Symbols: PRDM14; PR domain containing 14; MGC59730; PFM11; PR domain zinc finger protein 14; PR domain-containing protein 14; PR-domain zinc finger protein 14; Accession Number (s): NP_078780.1; Human Gene ID(s): 63978; Non-Human GeneID(s): 383491 (mouse) 100365184 (rat)
Immunogen	YRDKHLKYTPCVDK, 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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 40kDa band in Human, Mouse and Rat Testis lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculation
IHC	
Reference	Reference(s): Chia NY, Chan YS, Feng B, Lu X, Orlov YL, Moreau D, Kumar P, Yang L, Jiang J, Lau MS, Huss M, Soh BS, Kraus P, Li P, Lufkin T, Lim B, Clarke ND, Bard F, Ng HH, A genome-wide RNAi screen reveals determinants of human embryonic stem cell identity. Nature. 2010 Nov 11;468(7321):316-

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**