

Goat anti-PPP2R3A Antibody

Item Number	dAP-1289
Target Molecule	Principle Name: PPP2R3A; Official Symbol: PPP2R3A; All Names and Symbols: PPP2R3A; protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha'; PPP2R3; PR130; PR72; PP2A, subunit B, B"-PR72/PR130; PP2A, subunit B, B72/B130 isoforms; PP2A, subunit B, R3 isoform; Serine/threonine protein phosphatase 2A, 72/130 kDa regul; Accession Number (s): NP_002709.2; NP_871626.1; Human Gene ID(s): 5523; Non-Human GenelD(s):
Immunogen	QKDVENTDGPEPSD, is from internal region This antibody is expected to recognise both reported isoforms (NP_002709.2; NP_871626.1).
Applications	Pep ELISA, IHC Species Tested: Human
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 80kDa band in Human Skeletal Muscle lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.
Reference	Reference(s): Zhang S, Cagatay T, Amanai M, Zhang M, Kline J, Castrillon DH, Ashfaq R, Oz OK, Wharton KA Jr. Viable mice with compound mutations in the Wnt/Dvl pathway antagonists nkd1 and nkd2. <i>Mol Cell Biol</i> . 2007 Jun;27(12):4454-64. Epub 2007 Apr 16..PMID: 17438140 ->

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**