

Goat anti-14-3-3 tau / YWHAQ Antibody

Item Number	dAP-1239
Target Molecule	Principle Name: 14-3-3 tau / YWHAQ; Official Symbol: YWHAQ ; All Names and Symbols: YWHAQ; 14-3-3 protein tau; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide; 14-3-3; 1C5; HS1; 14-3-3 protein T-cell; 14-3-3 protein theta; protein tau; tyrosine 3/tryptophan 5 - monooxygenase activation protein, th; Accession Number (s): NP_006817.1; Human Gene ID(s): 10971; Non-Human GeneID(s):
Immunogen	DDRKQTIDNSQ, is from internal region
Applications	Pep ELISA, WB 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 4000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 27.8kDa according to NP_006817.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Howlett KF, Sakamoto K, Garnham A, Cameron-Smith D, Hargreaves M. Resistance exercise and insulin regulate AS160 and interaction with 14-3-3 in human skeletal muscle. Diabetes. 2007 Jun;56(6):1608-14. Epub 2007 Mar 16..PMID: 17369524 ->

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**