

Goat anti-Dynamin 3 Antibody

Item Number	dAP-1464
Target Molecule	Principle Name: Dynamin 3; Official Symbol: DNM3; All Names and Symbols: dynamin 3; Dyna III ; KI-AA0820 ; MGC70433; dynamin family member; Accession Number (s): NP_056384.2; Human Gene ID(s): 26052; Non-Human GeneID(s):
Immunogen	DKSVGNNKAEND, is from internal region
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 1000.
Western Blot	Western Blot: Preliminary experiments gave an approx 26kDa band in Human Brain (Amygdala and Cerebellum), Kidney and Liver lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band w
IHC	Immunohistochemistry: Paraffin embedded Human Adrenal Gland. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Ferguson SM, Brasnjo G, Hayashi M, Wolfel M, Collesi C, Giovedi S, Raimondi A, Gong LW, Ariel P, Paradise S, O'toole E, Flavell R, Cremona O, Miesenbock G, Ryan TA, De Camilli P. A selective activity-dependent requirement for dynamin 1 in synaptic vesicle endocytosis. Science. 2007 Apr 27;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**