ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-GGA3 Antibody

Item Number	dAP-0741
Target Molecule	Principle Name: GGA3; Official Symbol: GGA3; All Names and Symbols: GGA3; golgi associated, gamma adaptin ear containing, ARF binding protein 3; HGNC:17079; KIAA0154; ADP-ribosylation factor binding protein 3; Golgi-localized, gamma ear-containing, ARF-binding protein 3; Accession Number (s): NP_619525.1; NP_054720.1; Human Gene ID(s): 23163; Non-Human GeneID(s):
Immunogen	EQLSTEVGEVDQ, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_619525 and NP_054720)
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; Reconsititute 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 65kDa band in Mouse and Rat Brain lysates after 0.3µg/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 Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Prag G, Lee S, Mattera R, Arighi CN, Beach BM, Bonifacino JS, Hurley JH. Structural mechanism for ubiquitinated-cargo recognition by the Golgi-localized, gamma-ear-containing, ADP-ribosylation-factor-binding proteins. Proc Natl Acad Sci U S A. 2005 Feb 15;102(7):2334-9. Epub 2005 Feb 8. .PMID:

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

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