

Goat anti-NRAP Antibody

Item Number dAP-2438

Target Molecule Principle Name: NRAP; Official Symbol: NRAP; All Names and Symbols: NRAP; nebulin-related anchoring protein; Accession Number (s): NP_006166.3; NP_932326.2; Human Gene ID(s): 4892; Non-Human Gene-ID(s): 18175 (mouse) 307982 (rat)

Immunogen DFAKSRSQFH, is from internal region
This antibody is expected to recognize both reported isoforms (NP_006166.3; NP_932326.2).

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 32000.

Western Blot Western Blot: Preliminary experiments gave an approx 100kDa band in Human, Mouse and Rat Heart lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe the calculate

IHC

Reference Reference(s): Mohiddin SA, Lu S, Cardoso JP, Carroll S, Jha S, Horowitz R, Fananapazir L, Genomic organization, alternative splicing, and expression of human and mouse N-RAP, a nebulin-related LIM protein of striated muscle. Cell motility and the cytoskeleton 2003 Jul 55 (3): 200-12..PMID: 12789664->

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**