

Goat anti-NRAS Antibody

Item Number	dAP-1506
Target Molecule	Principle Name: NRAS; Official Symbol: NRAS ; All Names and Symbols: NRAS ; neuroblastoma RAS viral (v-ras) oncogene homolog ; N-ras ; NRAS1; N-ras protein part 4 ; v-ras neuroblastoma RAS viral oncogene homolog; Accession Number (s): NP_002515.1; Human Gene ID(s): 4893; Non-Human GenID(s): 18176 (mouse) 24605 (rat)
Immunogen	RMKKLNSSDDGTQ, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
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: Approx. 21kDa band observed in Human lysates of cell line A431 and of Rat Intestines (calculated MW of 21.2kDa according to NP_002515.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Small Intestine shows staining of cytoplasm and membrane of enterocytes. Recommended concentration: 2-3µg/ml.
Reference	Reference(s): Thomas NE, Edmiston SN, Alexander A, Millikan RC, Groben PA, Hao H, Tolbert D, Berwick M, Busam K, Begg CB, Mattingly D, Ollila DW, Tse CK, Hummer A, Lee-Taylor J, Conway K. Number of nevi and early-life ambient UV exposure are associated with BRAF-mutant melanoma. <i>Cancer Epidemiol</i>

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**