

Goat anti-HRASLS3 / HREV107-3 Antibody

Item Number	dAP-1521
Target Molecule	Principle Name: HRASLS3 / HREV107-3; Official Symbol: PLA2G16; All Names and Symbols: PLA2G16; phospholipase A2, group XVI; AdPLA; H-REV107-1; HRASLS3; HREV107; HREV107-3; MGC118754; HRAS-like suppressor 3; adipose-specific PLA2; Accession Number (s): NP_009000.2; Human Gene ID(s): 11145; Non-Human GeneID(s): 225845 (mouse) 24913 (rat)
Immunogen	RAPIPEPKPGDLIE, is from N Terminus Reported variants represent identical protein:NP_009000.2 and NP_001121675.1).
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 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 28kDa band in Human Heart lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 18.0k
IHC	
Reference	Reference(s): Nazarenko I, Kristiansen G, Fonfara S, Guenther R, Gieseler C, Kemmner W, Schafer R, Petersen I, Sers C. H-REV107-1 stimulates growth in non-small cell lung carcinomas via the activation of mitogenic signaling. Am J Pathol. 2006 Oct;169(4):1427-39..PMID: 17003497 ->

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**