

Goat anti-EBAG9 / RCAS1 Antibody

Item Number	dAP-0875
Target Molecule	Principle Name: EBAG9 / RCAS1; Official Symbol: EBAG9; All Names and Symbols: EBAG9; RCAS1; estrogen receptor binding site associated, antigen, 9 ; HGNC:3123; EB9; PDAF; cancer associated surface antigen; estrogen receptor binding site associated antigen 9; Accession Number (s): NP_004206.1; Human Gene ID(s): 9166; Non-Human GeneID(s): 55960 (mouse) 299864 (rat)
Immunogen	KEAQRMLMKKEQN, is from C Terminus
Applications	Pep ELISA, WB, 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 64000.
Western Blot	Western Blot: Approx 26kDa band observed in lysates of cell lines HEK293 and A431 (calculated MW of 24.4kDa according to NP_004206.1 and NP_004206.1). Recommended concentration: 1-3µg/ml. A minor band of unknown identity was also consistently observed
IHC	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Ruder C, Reimer T, Delgado-Martinez I, Hermosilla R, Engelsberg A, Nehring R, Dorken B, Rehm A. EBAG9 adds a new layer of control on large dense-core vesicle exocytosis via interaction with Snapin. Mol Biol Cell. 2005 Mar;16(3):1245-57. Epub 2005 Jan 5. .PMID: 15635093 ->

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**