

Goat anti-SENP7 (internal region) Antibody

Item Number dAP-1461

Target Molecule Principle Name: SENP7 (internal region); Official Symbol: SENP7 ; All Names and Symbols: SENP7 ; SUMO1/sentrin specific peptidase 7 ; KIAA1707; MGC157730; SUMO1/sentrin specific protease 7; sentrin/ SUMO-specific protease; sentrin/SUMO-specific protease 7; Accession Number (s): NP_001070671.1; NP_065705.3; Human Gene ID(s): 57337; Non-Human GenelD(s): 66315 (mouse) 288167 (rat)

Immunogen TRKENNLTEDNPN, is from internal region
This antibody is expected to recognize both reported isoforms (NP_001070671.1; NP_065705.3)

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 16000.

Western Blot Western Blot: Preliminary experiments gave an approx 90kDa band in Human Brain (Cerebellum) and Thymus 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

IHC

Reference Reference(s): Gong,L., Millas,S., Maul,G.G. and Yeh,E.T Differential regulation of sentrinized proteins by a novel sentrin-specific protease. J. Biol. Chem. 275 (5), 3355-3359 (2000).PMID: 10652325->

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**