

Goat anti-EXO1 Antibody

Item Number dAP-1344

Target Molecule Principle Name: EXO1; Official Symbol: EXO1 ; All Names and Symbols: EXO1; exonuclease 1; HEX1; hExo1; rad2 nuclease family member, homolog of *S. cerevisiae* exonuclease 1; Accession Number (s): NP_003677.3; NP_006018.3; NP_569082.1; Human Gene ID(s): 9156; Non-Human GenelD(s):

Immunogen HRNYSPRPESGT, is from internal region
This antibody is expected to recognise all three reported isoforms (NP_003677.3; NP_006018.3 and NP_569082.1)

Applications Pep ELISA, WB

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 90kDa band observed in lysates in cell lines HEK293 and A549 (calculated MW of 89.1kDa according to NP_003677.3). Recommended concentration: 0.2-0.5µg/ml.
An additional band of unknown identity was also consistently observed at 38k

IHC

Reference Reference(s): Kim JC, Roh SA, Yoon YS, Kim HC, Park IJ. MLH3 and EXO1 alterations in familial colorectal cancer patients not fulfilling Amsterdam criteria. *Cancer Genet Cytogenet*. 2007 Jul 15;176(2):172-4. No abstract available..PMID: 17656264 ->

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**