

Goat anti-ATRX Antibody

Item Number	dAP-3081
Target Molecule	Principle Name: ATRX; Official Symbol: ATRX; All Names and Symbols: ATRX; alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae); RP5-875J14.1; ATR2; MGC2094; MRXS3; RAD54; RAD54L; SHS; XH2; XNP; ZNF-HX ; DNA dependent ATPase and helicase; OT-THUMP0000062079; RAD54 (Saccharomyces cerevisiae); Accession Number (s): NP_000480.2; NP_612114.1; NP_612115.1; Human Gene ID(s): 546; Non-Human GenelD(s):
Immunogen	KKDQSDETSEDDKKQ, is from internal region This antibody is expected to recognise all three reported isoforms (NP_000480.2, NP_612114.1, NP_612115.1).
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 16000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the expected size of 300kDa according to the literature (PMID: 15591283). Therefore we cannot recommend an optimal concentration
IHC	
Reference	Reference(s): Abidi FE, Cardoso C, Lossi AM, Lowry RB, Depetris D, Mattei MG, Lubs HA, Stevenson RE, Fontes M, Chudley AE, Schwartz CE. Mutation in the 5' alternatively spliced region of the XNP/ATR-X gene causes Chudley-Lowry syndrome. Eur J Hum Genet. 2005 Feb;13(2):176-83. .PMID: 15508018 ->

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**