

## Goat anti-ATRX Antibody

<b>Item Number</b>	dAP-3081
<b>Target Molecule</b>	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-THUMP00000062079; RAD54 (Saccharomyces cerevisiae); Accession Number (s): NP_000480.2; NP_612114.1; NP_612115.1; Human Gene ID(s): 546; Non-Human GeneID(s):
<b>Immunogen</b>	KKDQSEDTSEDDKKQ, is from internal region This antibody is expected to recognise all three reported isoforms (NP_000480.2, NP_612114.1, NP_612115.1).
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	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**