

Goat anti-ATAD5 / FRAG1 Antibody

Item Number	dAP-1146
Target Molecule	Principle Name: ATAD5 / FRAG1; Official Symbol: ATAD5; All Names and Symbols: ATAD5; C17orf41; chromosome 17 open reading frame 41 ; FLJ12735; FRAG1; chromosome fragility associated gene 1; ATPase family, AAA domain containing 5; Accession Number (s): NP_079133.3; Human Gene ID(s): 79915; Non-Human GeneID(s):
Immunogen	DNKIYPKNTKKKRVD, is from internal region
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 50kDa band in lysates of all Human cell lines tested after 0.03µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calc
IHC	
Reference	Reference(s): Ishii H, Inageta T, Mimori K, Saito T, Sasaki H, Isobe M, Mori M, Croce CM, Huebner K, Ozawa K, Furukawa Y. Frag1, a homolog of alternative replication factor C subunits, links replication stress surveillance with apoptosis. Proc Natl Acad Sci U S A. 2005 Jul 5;102(27):9655-60. Epub 2005 Jun 27.

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**