

AP51283PU-N**Polyclonal Antibody to DNAH2 (N-term) - Aff - Purified**

Alternate names:	DNAHC2, DNHD3, Dynein heavy chain 2, KIAA1503, axonemal
Quantity:	0.4 ml
Concentration:	0.5 mg/ml.
Background:	Dyneins are microtubule-associated motor protein complexes composed of several heavy, light, and intermediate chains. The axonemal dyneins, found in cilia and flagella, are components of the outer and inner dynein arms attached to the peripheral microtubule doublets. DNAH2 is an axonemal inner arm dynein heavy chain (Chapelin et al., 1997 [PubMed 9256245]).
Uniprot ID:	Q9P225
NCBI:	NP_065928
GeneID:	146754
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 440-468 amino acids from the N-terminal region of Human DNAH2
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS Preservatives: 0.09% Sodium Azide
Applications:	ELISA: 1/1000. Western Blot: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human DNAH2 (N-term).
Add. Information:	Molecular Weight: 100kd Isoform 3. 507698 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Barrett, J.C., et al. Nat. Genet. (2009) In press. Wistow, G., et al. Mol. Vis. 8, 196-204 (2002). Chapelin, C., et al. FEBS Lett. 412(2):325-330 (1997).

Pictures:

Western blot analysis of DNAH2 Antibody (N-term) Cat.-No AP51283PU-N in HL-60 cell line lysates (35ug/lane). This demonstrates the DNAH2 antibody detected the DNAH2 protein (arrow).

