



# Rabbit Anti-Human DNAL1 Polyclonal antibody (DPABH-11214)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	DNAL1 fusion protein, sequence: MDASLSMLANCEKLSLSTNCIEKIANLNGLKNLRILSLGRNNNIKLNGLNGLEAVGDTLEELW ISYNFIEKLKGHIHMKKLKILYMSNNLVKDWAEFVKLAELPCLEDLVFVGNPLEEKHSAE NNWIEEATKRPVPLKKLDGTPVIKGDEEEDN (1-151 aa encoded by BC005343)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP, ELISA
<b>Positive Control</b>	human brain tissue
<b>Format</b>	Liquid
<b>Size</b>	50 µl, 100 µl
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

## BACKGROUND

**Introduction** This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.

**Keywords** DNAL1; dynein, axonemal, light chain 1; CILD16; C14orf168; dynein light chain 1, axonemal;

## GENE INFORMATION

Entrez Gene ID [83544](#)

UniProt ID [Q4LDG9](#)