

DYNLT1 Polyclonal Antibody

Catalog number: 11954-1-AP

Size: 61 µg/150 µl

Source: Rabbit

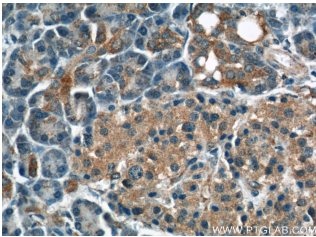
Isotype: IgG

Synonyms:

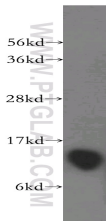
DYNLT1; CW 1, DYNLT1,

Protein CW 1, TCTEL1, tctex 1,

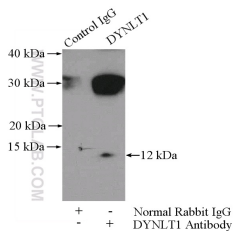
TCTEX1



Immunohistochemical of paraffin-embedded human pancreas using 11954-1-AP (DYNLT1 antibody) at dilution of 1:50 (under 40x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 11954-1-AP (DYNLT1 antibody) at dilution of 1:500



IP Result of anti-DYNLT1 (IP:11954-1-AP, 4µg; Detection:11954-1-AP 1:300) with mouse skeletal muscle tissue lysate 3600µg.

Background

DYNLT (or Tctex-1) was originally described as a light chain component of the dynein motor complex. Tctex-1 also has several dynein-independent functions, including roles in G protein signaling activation and neuronal growth. Tctex-1 is selectively enriched in proliferating neural progenitors of both embryonic and adult brains. Genetic knockdown of Tctex-1 in radial precursors promoted neurogenesis, indicating its implication in regulation of cortical neurogenesis. (Pubmed: 19448628)

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated DYNLT1 MW:	113aa, 12 kDa
Observed DYNLT1 MW:	12 kDa
Positive WB detected in	Human brain tissue, human heart tissue, Sp2/0 cells
Positive IP detected in	Mouse skeletal muscle tissue
Positive IHC detected in	Human pancreas tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:1000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2557
GenBank accession number:	BC029412
Gene ID (NCBI):	6993
Full name:	Dynein, light chain, Tctex-type 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.