

DYL1 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09379
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human DYL1
Mol wt	9790
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	DYL1
Synonyms	DYL1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Cytoplasmic dyneins are large enzyme complexes with a molecular mass of about 1|200 kD. They contain two force-producing heads formed primarily from dynein heavy chains| and stalks linking the heads to a basal domain| which contains a varying number of accessory intermediate chains. The complex is involved in intracellular transport and motility. The protein described in this record is a light chain and exists as part of this complex but also physically interacts with and inhibits the activity of neuronal nitric oxide synthase. Binding of this protein destabilizes the neuronal nitric oxide synthase dimer| a conformation necessary for activity| and it may regulate numerous biologic processes through its effects on nitric oxide synthase activity. Alternate transcriptional splice variants have been characterized.

Recommended Dilution

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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