

DYNC111 Rabbit pAb

Catalog No.: A3833

Basic Information

Observed MW

73kDa

Calculated MW

67kDa/68kDa/70kDa/72kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human, Mouse, Rat

Background

Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued DCTN1). May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.

Recommended Dilutions

WB	1:200 - 1:2000
IHC	1:20 - 1:200

Immunogen Information

Gene ID	Swiss Prot
1780	O14576

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human DYNC111 (NP_001129028.1).

Synonyms

DYNC111;DNC11;DNC1C1

Contact

 | www.abclonal.com

Product Information

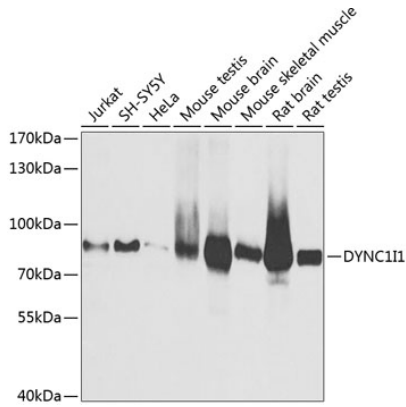
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using DYNC111 antibody (A3833) at 1:1000 dilution.

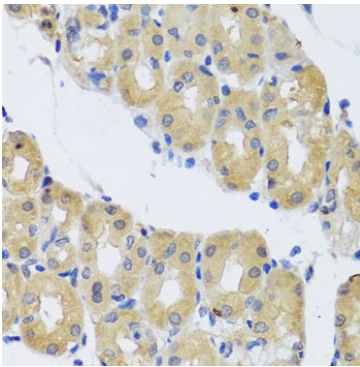
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

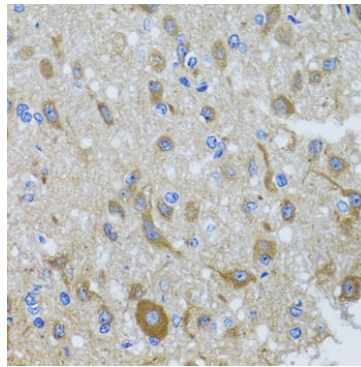
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Immunohistochemistry of paraffin-embedded human stomach using DYNC111 antibody (A3833) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat brain using DYNC111 antibody (A3833) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.