

ACTR1B Rabbit Polyclonal Antibody



CAB15773

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

42kDa

Calculated MW:

42kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex.

Immunogen information

Gene ID:

10120

Uniprot

P42025

Synonyms:

ACTR1B; ARP1B; CTRN2; PC3

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

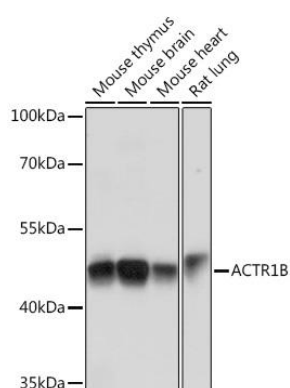
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-105 of human ACTR1B (NP_005726.1).

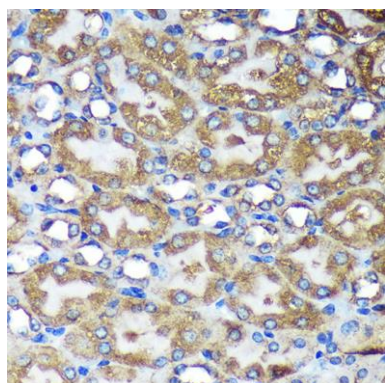
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

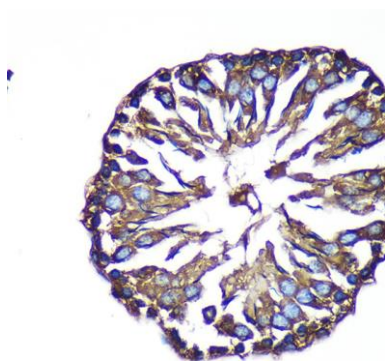
Product Images



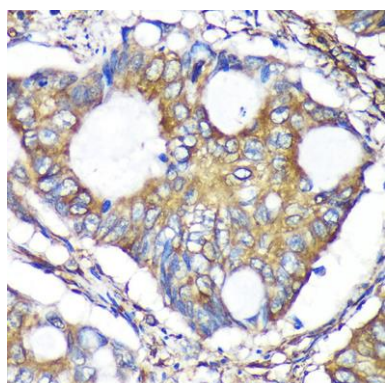
Western blot analysis of extracts of various cell lines, using ACTR1B Rabbit pAb (CAB15773) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded Mouse kidney using ACTR1B Rabbit pAb (CAB15773) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Rat testis using ACTR1B Rabbit pAb (CAB15773) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon carcinoma using ACTR1B Rabbit pAb (CAB15773) at dilution of 1:100 (40x lens).