

## Recombinant ACTR1B Monoclonal Antibody

catalog number: AN300752L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

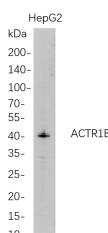
Reactivity	Human
Immunogen	Recombinant Human ACTR1B protein
Host	Rabbit
Isotype	IgG,κ
Clone	B691
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

WB	1:1000-5000
IHC	1:100-300
ICC/IF	1:100-300
FC	1:100-300
IP	1:50-100

### Data



Western Blot with Recombinant ACTR1B Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HepG2 whole cell lysate.

Observed-MW:41 kDa

### Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

### 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.

### For Research Use Only

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