

## ACTR2 Antibody

Catalog No: #33001



Package Size: #33001-1 50ul #33001-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

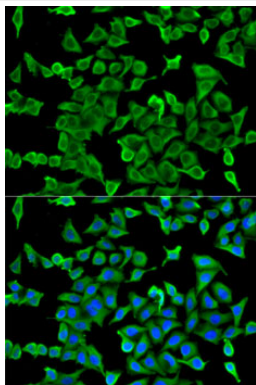
## Description

Product Name	ACTR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ACTR2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ACTR2.
Target Name	ACTR2
Other Names	ARP2;
Accession No.	Swiss-Prot:P61160NCBI Gene ID:10097
SDS-PAGE MW	44KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

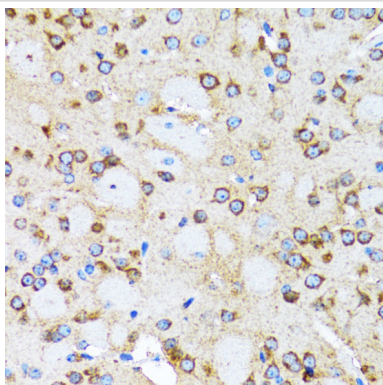
## Application Details

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

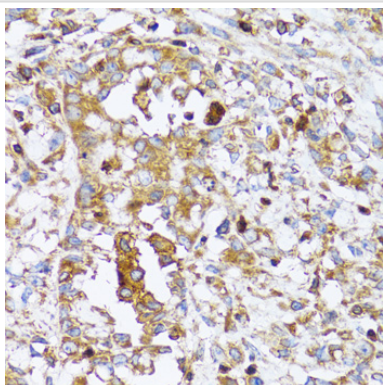
## Images



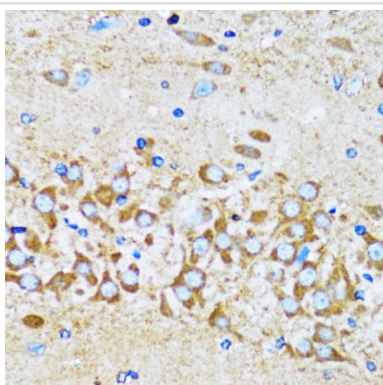
Immunofluorescence analysis of U2OS cells using ACTR2 antibody. Blue: DAPI for nuclear staining.



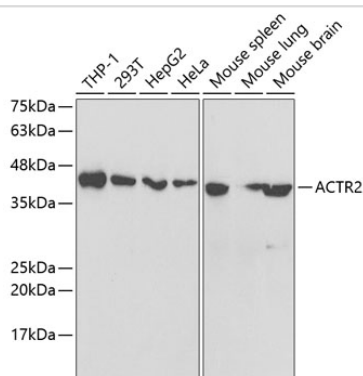
Immunohistochemistry of paraffin-embedded rat brain using ACTR2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human uterine cancer using ACTR2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using ACTR2 antibody at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using ACTR2 antibody at 1:1000 dilution.

## Background

The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene.

## Published Papers

el at., X chromosome-linked intellectual disability protein PQBP1 associates with and regulates the translation of specific mRNAs. In Hum Mol Genet on 2015 Aug 15 by Didi Wan, Zi Chao Zhang,et al..PMID:26002102, , (2015)

[PMID:26002102](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.