

## ACTR3 Antibody

Catalog No: #34376

Package Size: #34376-1 50ul #34376-2 100ul

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

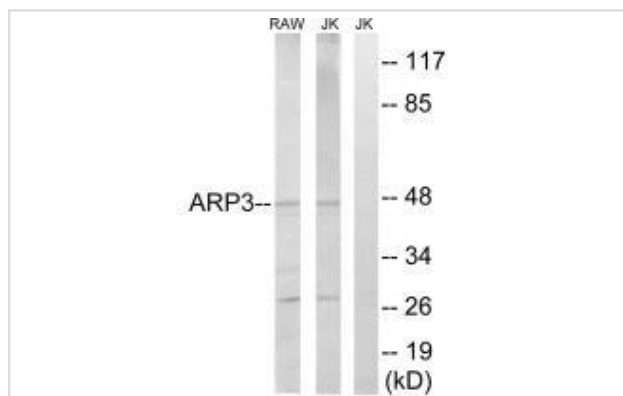
## Description

|                       |  |
|-----------------------|--|
| Product Name          | ACTR3 Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB   |
| Species Reactivity    | Hu Ms  |
| Specificity           | The antibody detects endogenous levels of total ACTR3 protein.   |
| Immunogen Type        | Peptide  |
| Immunogen Description | Synthesized peptide derived from C-terminal of human ACTR3.  |
| Target Name           | ACTR3  |
| Other Names           | Actin-2; Actin-like protein 3; Actin-related protein 3; ACTR3;   |
| Accession No.         | Swiss-Prot: P61158NCBI Gene ID: 10096  |
| Uniprot               | P61158   |
| GeneID                | 10096;   |
| SDS-PAGE MW           | 47kd   |
| Concentration         | 1.0mg/ml   |
| Formulation           | Rabbit IgG 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

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from RAW264.7 cells and Jurkat cells, using ACTR3 antibody #34376.

## Background

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Functions as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the pointed end of the daughter actin filament. Plays a role in ciliogenesis.

Welch M.D., J. Cell Biol. 138:375-384(1997).

Welch M.D., Nature 385:265-269(1997).

Gournier H., Mol. Cell 8:1041-1052(2001)

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Note: This product is for in vitro research use only