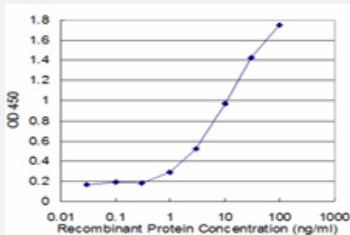


ACTR1A monoclonal antibody (M08), clone 3E5

Catalog # H00010121-M08

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACTR1A is approximately 1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ACTR1A.
Immunogen	ACTR1A (NP_005727, 279 a.a. ~ 375 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LVFAIQKSDMDLRRTLFSNVLSSGGSTLFKGFGRLLSEVKKLAPKDVKIRISAPQERLYSTWIGGSI LASLDTFKKMWVSKKEYEEDGARSIDHRKT
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACTR1A is approximately 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ACTR1A

Entrez GeneID	10121
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GeneBank Accession#	NM_005736
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Protein Accession#	NP_005727
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Gene Name	ACTR1A
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Gene Alias	ARP1, CTRN1, FLJ52695, FLJ52800, FLJ55002
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Gene Description	ARP1 actin-related protein 1 homolog A, centractin alpha (yeast)
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Omim ID	605143
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It 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 is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin. [provided by RefSeq]
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Other Designations	ARP1 actin-related protein 1 homolog A, centractin alpha ARP1, yeast homolog A OTTHUMP0000020366 actin-RPV centractin alpha centrosome-associated actin homolog
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