



Human ACTR1B blocking peptide (CDBP0491)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ARP1 homolog B antibody
Antigen Description	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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ACTR1B ARP1 actin-related protein 1 homolog B, centractin beta (yeast) [Homo sapiens]
Official Symbol	ACTR1B
Synonyms	ACTR1B; ARP1 actin-related protein 1 homolog B, centractin beta (yeast); ARP1 (actin related

protein 1, yeast) homolog B (centractin beta) , CTRN2; beta-centractin; centractin beta; actin-related protein 1B; PC3; ARP1B; CTRN2;

Entrez Gene ID	10120
----------------	-----------------------

mRNA Refseq	NM_005735
-------------	---------------------------

Protein Refseq	NP_005726
----------------	---------------------------

UniProt ID	P42025
------------	--------

Chromosome Location	2q11.1-q11.2
---------------------	--------------

Function	ATP binding; nucleotide binding; protein binding;
----------	---
