

DCTN2 (Human) Cell-Based ELISA Kit

Catalog # KA5645

Size 1 Kit

Specification

Product Description	DCTN2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of p50 Dynamin expression in cultured cells.
Suitable Sample	Attached cell, loosely attached cell and suspension cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulatory Status	For research use only (RUO)
Storage Instruction	Store at 4°C for six months.

Applications

- Qualitative

Gene Info — DCTN2

Entrez GeneID	10540
Protein Accession#	Q13561
Gene Name	DCTN2
Gene Alias	DCTN50, DYNAMITIN, RBP50
Gene Description	dynactin 2 (p50)

Omim ID	607376
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Gene Ontology	Hyperlink
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Gene Summary	<p>This gene encodes a 50-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 4-5 copies per dynactin molecule. It contains three short alpha-helical coiled-coil domains that may mediate association with self or other dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may affect p150 in place. [provided by RefSeq]</p>
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Other Designations	50 kD dynein-associated polypeptide dynactin 2 dynactin complex 50 kD subunit
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