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 det ermination of p50 Dynamitin 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)

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Omim ID	607376
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 s ubunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic d ynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the cent ripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nucl ear 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 ot her dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may af fix p150 in place. [provided by RefSeq
Other Designations	50 kD dynein-associated polypeptide|dynactin 2|dynactin complex 50 kD subunit

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