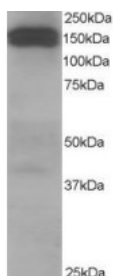


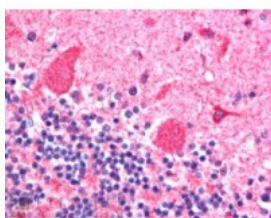


Dynactin Antibody

CATALOG NUMBER: 45-508



Western Blot staining (1ug/ml) of Human Testis lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (2.5ug/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, ICC, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 150kDa band observed in cell line A549 and in Human Testis lysates (calculated MW of 142kDa according to NP_004073.2). Recommended for use at 0.5-2ug/ml. An anonymous customer found positive results in WB on Mouse embryonic fibroblast. Immunohistochemistry: In paraffin embedded Human Cerebellum shows pixulate staining of cytoplasm in neuronal cells. In paraffin embedded Human Testis shows cytoplasm staining in cells of the seminiferous tubules. Recommended concentration, 2-4ug/ml. An Immunocytochemistry: An anonymous customer found positive results in ICC on Mouse embryonic fibroblasts (MEF cells).
POSITIVE CONTROL:	1) Cat. No. 1313 - Human Testis Tissue Lysate
SPECIFICITY:	This antibody is expected to recognise all reported isoforms (NP_004073.2; NP_075408.1; NP_001128512.1; NP_001128513.1).
IMMUNOGEN:	Dynactin antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of Dynactin.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Dynactin antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Dynactin antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DCTN1, dynactin 1 (p150, glued homolog, Drosophila), P135, DP-150, DAP-150, p150-glued, p150, Glued (Drosophila) homolog, 150 kDa dynein-associated polypeptide, Glued (Drosophila) homolog
ACCESSION NO.:	NP_004073, NP_075408
PROTEIN GI NO.:	13259510
OFFICIAL SYMBOL:	DCTN1
GENE ID:	1639

Background

REFERENCES:	1) Holzbaur EL, Tokito MK. Localization of the DCTN1 gene encoding p150Glued to human chromosome 2p13 by fluorescence in situ hybridization. Genomics. 1996 Feb 1;31(3):398-9. No abstract available.
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FOR RESEARCH USE ONLY

December 13, 2016