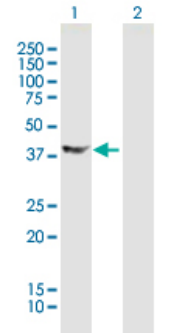
MaxPab®

DCX purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001641-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DCX expression in transfected 293T cell line (H00001641-T01) by DCX MaxPab polyclonal antibody.

Lane 1: DCX transfected lysate(39.6 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DCX protein.
Immunogen	DCX (NP_835364.1, 1 a.a. ~ 360 a.a) full-length human protein.
Sequence	MELDFGHFDERDKTSRNMRGSRMNGLPSPTHSAHCSFYRTRTLQALSNEKKAKKVRFYRNGDR YFKGIVYAVSSDRFRSFDALLADLTRSLSDNINLPQGVRYIYTIDGSRKIGSMDELEEGESYVCSSD NFFKKVEYTKNVNPNWSVNVKTSANMKAPQSLASSNSAQARENKDFVRPKLVTIIRSGVKPRKA VRVLLNKKTAHSFEQVLTDITEAIKLETGVVKKLYTLDGKQVTCLHDFFGDDDVFIACGPEKFRYA QDDFSLDENECRVMKGNPSATAGPKASPTPQKTSAKSPGPMRRSKSPADSANGTSSSQLSTP KSKQSPISTPTSPGSLRKHKDLYLPLSLDDSDSLGDSM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — DCX

Entrez GeneID	1641
GeneBank Accession#	NM_178151
Protein Accession#	NP_835364.1
Gene Name	DCX
Gene Alias	DBCN, DC, LISX, SCLH, XLIS
Gene Description	doublecortin
Omim ID	300067 300121
Gene Ontology	Hyperlink
Gene Summary	In the developing cortex, cortical neurons must migrate over long distances to reach the site of their final differentiation. The protein encoded by this gene is a cytoplasmic protein which appears to direct neuronal migration by regulating the organization and stability of microtubules. The encoded protein contains two doublecortin domains, which bind microtubules. In addition, the encoded protein interacts with LIS1, the regulatory gamma subunit of platelet activating factor acetylhydrolase, and this interaction is important to proper microtubule function in the developing cortex. Mutations in this gene are a cause of X-linked lissencephaly. Multiple transcript variants encoding at least three different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000062892|doublecortex|doublin|lissencephalin-X

Disease

- Autistic Disorder

- Epilepsy
- Genetic Predisposition to Disease