

Rabbit anti-Human DCX Polyclonal Antibody | anti-DCX antibody

DCX Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175740	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

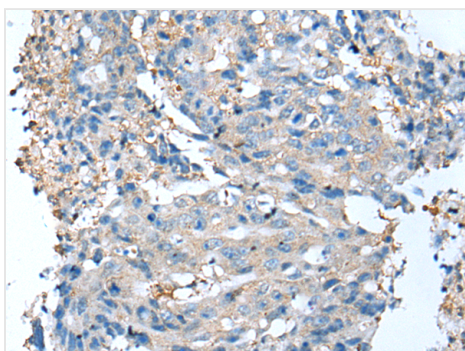
PRODUCT SYNONYMS

DCX; Polyclonal Antibody; DCX Polyclonal Antibody; DBCN; Dbct; DC; Doublecortex; Dublin; FLJ51296; Lis X; Lis-X; Lissencephalin X; Lissencephalin-X; Lissencephaly X linked; Lissencephaly X linked doublecortin; LISX; Neuronal migration protein doublecortin; OTTHUMP00000023859; OTTHUMP00000023860; OTTHUMP00000216315; OTTHUMP00000216316; SCLH; XLIS; anti-DCX antibody

PRODUCT SPECIFICATIONS

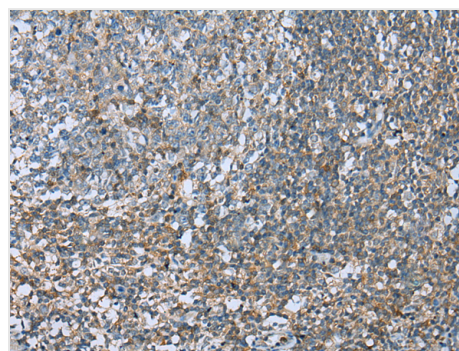
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.3mg/mL (varies by lot)
Sequence Length	441
Applicable Applications for anti-DCX antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human DCX
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



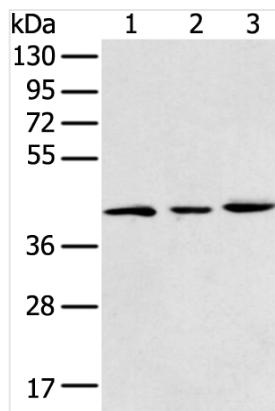
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using DCX Polyclonal Antibody at dilution of 1:35(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using DCX Polyclonal Antibody at dilution of 1:35(×200)



WB (Western Blot)
 Western blot analysis of 293T K562 and Raji cell using DCX Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-DCX antibody	This gene encodes a member of the doublecortin family. The protein encoded by this gene is a cytoplasmic protein and contains two doublecortin domains, which bind microtubules. In the developing cortex, cortical neurons must migrate over long distances to reach the site of their final differentiation. The encoded protein appears to direct neuronal migration by regulating the organization and stability of 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 cause abnormal migration of neurons during development and disrupt the layering of the cortex, leading to epilepsy, cognitive disability, subcortical band heterotopia ("double cortex" syndrome) in females and lissencephaly ("smooth brain" syndrome) in males. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-DCX antibody	Cancer; Neuroscience; Tags and Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	30181246
NCBI GeneID	1641
NCBI Accession #	NP_000546.2
NCBI GenBank Nucleotide #	NP_000546.2
UniProt Accession #	O43602
Molecular Weight	49 kDa
NCBI Official Full Name	neuronal migration protein doublecortin isoform a
NCBI Official Synonym Full Names	doublecortin
NCBI Official Symbol	DCX
NCBI Official Synonym Symbols	DC; DBCN; LISX; SCLH; XLIS
NCBI Protein Information	neuronal migration protein doublecortin
UniProt Protein Name	Neuronal migration protein doublecortin
UniProt Gene Name	DCX
UniProt Synonym Gene Names	DBCN; LISX; Lis-X
UniProt Entry Name	DCX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dcx-antibody-immunohistochemistry-western-blot-elisa/175740>