G-Biosciences Image not found or type unknown

Immunotag™ Phospho-Doublecortin (Ser334) Antibody

Antibody Specification

Catalog No.	ITA7605
Product Description	Immunotag™ Phospho-Doublecortin (Ser334) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Doublecortin (Ser334)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospho-Doublecortin (Ser334)
Specificity	Phospho-Doublecortin (Ser334) Antibody detects endogenous levels of Doublecortin only when phosphorylated at Ser334
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	DCX
Accession No.	O43602
Alternate Names	DBCN; Dbct; DC; DCX; DCX_HUMAN; Doublecortex; Doublin; 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;

Antibody Specification

Description	Microtubule-associated protein required for initial steps of neuronal dispersion and cortex lamination during cerebral cortex development. May act by competing with the putative neuronal protein kinase DCLK1 in binding to a target protein. May in that way participate in a signaling pathway that is crucial for neuronal interaction before and during migration, possibly as part of a calcium ion-dependent signal transduction pathway. May be part with PAFAH1B1/LIS-1 of overlapping, but distinct, signaling pathways that promote neuronal migration.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	45 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.