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TLK2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TLK2.
Catalog # AT4251a

Product Information

Application	WB, IHC, IF
Primary Accession	Q86UE8
Other Accession	BC044925
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	2G7
Calculated MW	87661

Additional Information

Gene ID	11011
Other Names	Serine/threonine-protein kinase tousled-like 2, HsHPK, PKU-alpha, Tousled-like kinase 2, TLK2
Target/Specificity	TLK2 (AAH44925, 1 a.a. ~ 126 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TLK2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

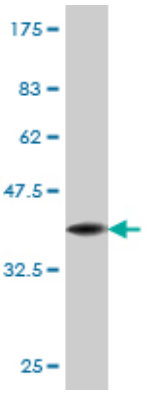
The Tousled-like kinases, first described in Arabidopsis, are nuclear serine/threonine kinases that are potentially involved in the regulation of chromatin assembly.

References

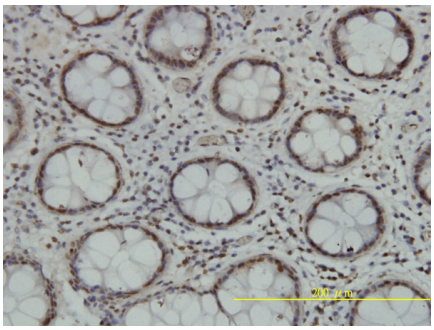
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Tousled-like kinases. Pilyugin M, et al. PLoS One, 2009 Dec 16. PMID 20016786.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.FEZ1 dimerization and interaction with transcription regulatory proteins involves its coiled-coil region. Assmann EM, et al. J Biol Chem, 2006 Apr 14. PMID 16484223.

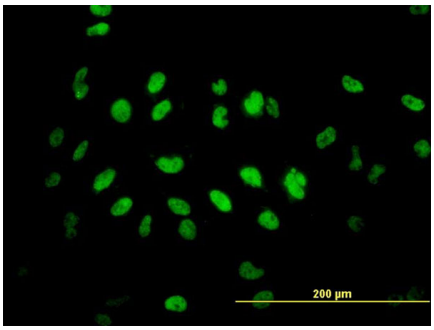
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (39.27 KDa) .



Immunoperoxidase of monoclonal antibody to TLK2 on formalin-fixed paraffin-embedded human colon tissue. [antibody concentration 5 ug/ml]



Immunofluorescence of monoclonal antibody to TLK2 on HeLa cell. [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.