

TOPORS Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TOPORS.

Catalog # AT4308a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9NS56
Other Accession	NM_005802
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5G11
Calculated MW	119198

Additional Information

Gene ID	10210
Other Names	E3 ubiquitin-protein ligase Topors, 632-, SUMO1-protein E3 ligase Topors, Topoisomerase I-binding RING finger protein, Topoisomerase I-binding arginine/serine-rich protein, Tumor suppressor p53-binding protein 3, p53-binding protein 3, p53BP3, TOPORS, LUN, TP53BPL
Target/Specificity	TOPORS (NP_005793, 98 a.a. ~ 205 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 E~~N/A
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	TOPORS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

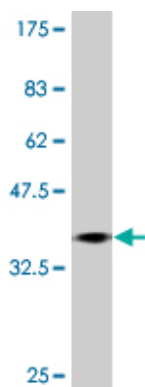
Background

This gene encodes a nuclear protein which is serine and arginine rich, and contains a RING-type zinc finger domain. It is highly expressed in the testis, and functions as an ubiquitin-protein E3 ligase. Mutations in this gene are associated with retinitis pigmentosa type 31. Alternatively spliced transcript variants, encoding different isoforms, have been observed for this locus.

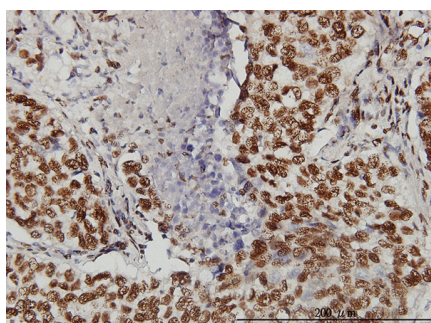
References

1.Mitotic Phosphorylation Stimulates DNA Relaxation Activity of Human Topoisomerase I.Hackbarth JS, Galvez-Peralta M, Dai NT, Loegering DA, Peterson KL, Meng XW, Karnitz LM, Kaufmann SH.J Biol Chem. 2008 Jun 13;283(24):16711-22. Epub 2008 Apr 11.

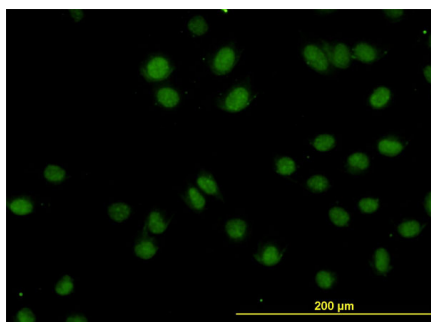
Images



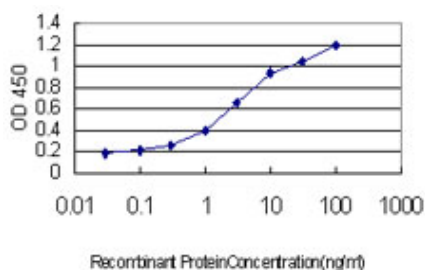
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.62 KDa) .



Immunoperoxidase of monoclonal antibody to TOPORS on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma. [antibody concentration 3 ug/ml]



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



Detection limit for recombinant GST tagged TOPORS is approximately 0.1ng/ml as a capture antibody.

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