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TEBP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TEBP.
Catalog # AT4204a

Product Information

Application	WB, IHC, E
Primary Accession	Q15185
Other Accession	BC003005
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	3H1-2A8
Calculated MW	18697

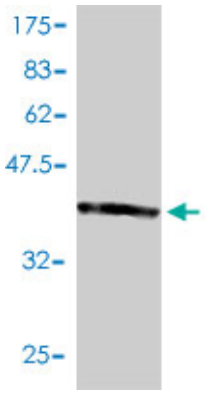
Additional Information

Gene ID	10728
Other Names	Prostaglandin E synthase 3, Cytosolic prostaglandin E2 synthase, cPGES, Hsp90 co-chaperone, Progesterone receptor complex p23, Telomerase-binding protein p23, PTGES3, P23, TEBP
Target/Specificity	TEBP (AAH03005, 1 a.a. ~ 160 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	TEBP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

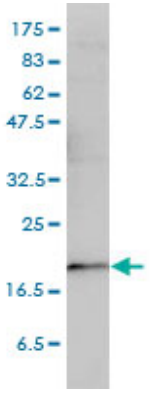
References

Swe1Wee1-dependent tyrosine phosphorylation of Hsp90 regulates distinct facets of chaperone function. Mollapour M, et al. Mol Cell, 2010 Feb 12. PMID 20159553.Celastrol inhibits Hsp90 chaperoning of steroid receptors by inducing fibrillization of the Co-chaperone p23. Chadli A, et al. J Biol Chem, 2010 Feb 5. PMID 19996313.Curcumin inhibits nuclear localization of telomerase by dissociating the Hsp90 co-chaperone p23 from hTERT. Lee JH, et al. Cancer Lett, 2010 Apr 1. PMID 19751963.A truncated form of p23 down-regulates telomerase activity via disruption of Hsp90 function. Woo SH, et al. J Biol Chem, 2009 Nov 6. PMID 19740745.The terminal prostaglandin synthases mPGES-1, mPGES-2, and cPGES are all overexpressed in human gliomas. Mattila S, et al. Neuropathology, 2009 Apr. PMID 19347995.

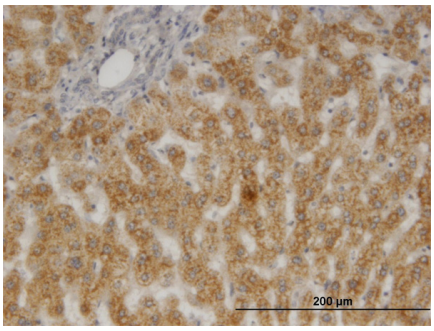
Images



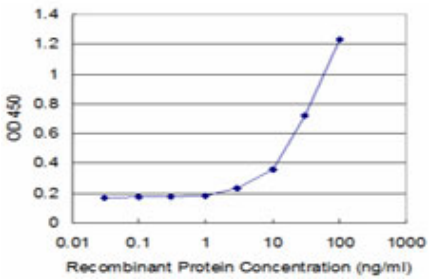
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (43.34 KDa) .



TEBP monoclonal antibody (M01), clone 3H1-2A8 Western Blot analysis of TEBP expression in HeLa ((Cat # AT4204a)



Immunoperoxidase of monoclonal antibody to PTGES3 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged PTGES3 is approximately 3ng/ml as a capture antibody.

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