

UBR1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant UBR1.

Catalog # AT4450a

Product Information

Application	WB, E
Primary Accession	Q8IWW7
Other Accession	NM_17491
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2F5
Calculated MW	200211

Additional Information

Gene ID	197131
Other Names	E3 ubiquitin-protein ligase UBR1, 632-, N-recognin-1, Ubiquitin-protein ligase E3-alpha-1, Ubiquitin-protein ligase E3-alpha-I, UBR1
Target/Specificity	UBR1 (NP_777576, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	UBR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

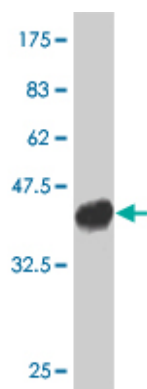
The N-end rule pathway is one proteolytic pathway of the ubiquitin system. The recognition component of this pathway, encoded by this gene, binds to a destabilizing N-terminal residue of a substrate protein and participates in the formation of a substrate-linked multiubiquitin chain. This leads to the eventual degradation of the substrate protein. The protein described in this record has a RING-type zinc finger and a UBR-type zinc finger. Mutations in this gene have been associated with Johanson-Blizzard syndrome.

References

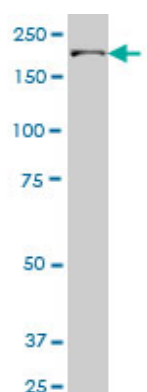
1.Roles of STAT3/SOCS3 pathway in regulation of the visual function and ubiquitin proteasome-dependent

degradation of Rhodopsin during retinal inflammation.Ozawa Y, Nakao K, Kurihara T, Shimazaki T, Shimmura S, Ishida S, Yoshimura A, Tsubota K, Okano H.J Biol Chem. 2008 Sep 5;283(36):24561-70. Epub 2008 Jul 9.

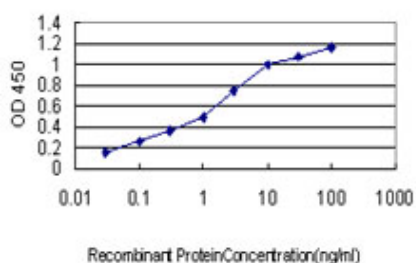
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



UBR1 monoclonal antibody (M01), clone 2F5 Western Blot analysis of UBR1 expression in Hela S3 NE ((Cat # AT4450a)



Detection limit for recombinant GST tagged UBR1 is approximately 0.03ng/ml as a capture antibody.

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