

UBE2G2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant UBE2G2.

Catalog # AT4436a

Product Information

Application	WB, IHC, E
Primary Accession	P60604
Other Accession	NM_003343
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	50
Calculated MW	18566

Additional Information

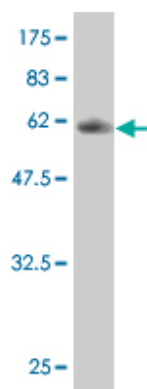
Gene ID	7327
Other Names	Ubiquitin-conjugating enzyme E2 G2, Ubiquitin carrier protein G2, Ubiquitin-protein ligase G2, UBE2G2
Target/Specificity	UBE2G2 (NP_003329, 1 a.a. ~ 87 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
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	UBE2G2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

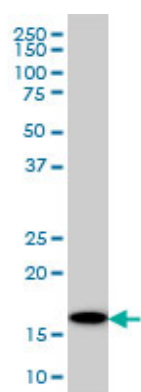
The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 100% sequence identity with the mouse counterpart. This gene is ubiquitously expressed, with high expression seen in adult muscle. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

References

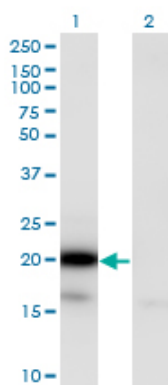
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.31 KDa) .

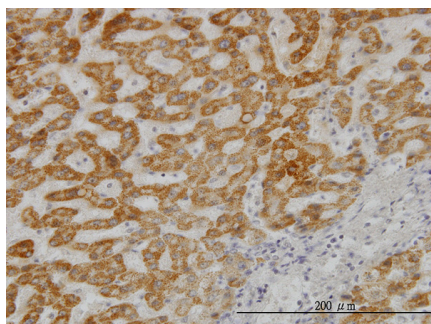


UBE2G2 monoclonal antibody (M01), clone 5E1 Western Blot analysis of UBE2G2 expression in HeLa (Cat # AT4436a)



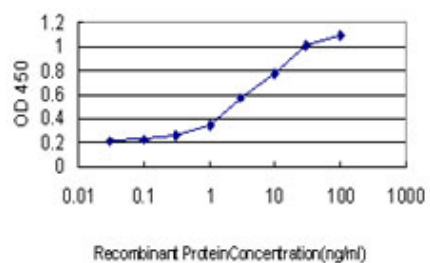
Western Blot analysis of UBE2G2 expression in transfected 293T cell line by UBE2G2 monoclonal antibody (M01), clone 5E1.

Lane 1: UBE2G2 transfected lysate (15.6 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to UBE2G2 on formalin-fixed paraffin-embedded human liver. [antibody concentration 1 ug/ml]

Detection limit for recombinant GST tagged UBE2G2 is approximately 0.1 ng/ml as a capture antibody.



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