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anti-UBE2G2 antibody

2 Images



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Quantity:	100 μL	
Target:	UBE2G2	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	Full length human UBE2G2 Recombinant protein.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Characteristics:	Rabbit polyclonal antibody to UBE2G2 (ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast)) UBE2G2 antibody [N1C3]	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		
Target:	UBE2G2	
Alternative Name:	ubiquitin conjugating enzyme E2 G2 (UBE2G2 Products)	
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.

Molecular Weight:	19 kDa
Gene ID:	7327
UniProt:	P60604

Application Details

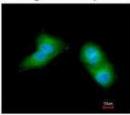
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined	
	by the researcher. Not tested in other applications.	
Comment:	Positive Control: Raji	
Restrictions:	For Research Use only	

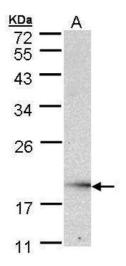
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Merged with DNA probe





Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A549, using UBE2G2, antibody at 1:200 dilution.

Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Raji , 12% SDS PAGE antibody diluted at 1:1000