

Anti-DDX27 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 90 kDa.
Purification:	Protein A purified

Applications

Blank control (black line):	HepG2.
Primary Antibody (green line):	Rabbit Anti-DDX27 antibody (TMAB-05040)
Dilution:	2 µg/Test;
Secondary Antibody (white blue line):	Goat anti-rabbit IgG-FITC
Dilution:	0.5 µg/Test.
Isotype control (orange line):	Normal Rabbit IgG
Verified Activity:	Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.
Application:	FCM
Recommended	FCM: 2µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human DDX27
Antigen Species:	Human
Gene ID:	55661
Uniprot ID:	Q96GQ7

Research Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, the function of which has not been determined. [provided by RefSeq, Jul 2008]

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