

# DHX29 Rabbit pAb

Catalog No.: A17709

## Basic Information

### Observed MW

155kDa

### Calculated MW

155kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein functions in translation initiation, and is specifically required for ribosomal scanning across stable mRNA secondary structures during initiation codon selection. This protein may also play a role in sensing virally derived cytosolic nucleic acids. Knockdown of this gene results in reduced protein translation and impaired proliferation of cancer cells.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

54505

### Swiss Prot

Q7Z478

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1020-1369 of human DHX29 (NP\_061903.2).

### Synonyms

DDX29; DHX29

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

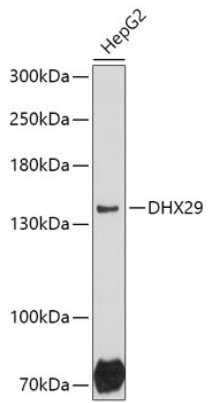
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from HepG2 cells, using DHX29 Rabbit pAb (A17709) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.