



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06310 - Goat Anti-DDX5 / p68 RNA helicase Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DDX5, P68, HLR1, G17P1, HUMP68, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kDa), RNA-dependent ATPase, DEAD/H box-5 (RNA helicase, 68kD), DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD), DEAD (Asp-Glu-Ala-Asp) box polypeptide 5, DKFZp434E109, DKFZp686J01190, ATP-dependent RNA helicase DDX5, DEAD box-5

**Official Symbol:** DDX5

**Accession Number(s):** NP\_004387.1

**Human GeneID(s):** [1655](#)

**Non-Human GeneID(s):** 13207 (mouse)

### Immunogen

Peptide with sequence C-PMIGYPMPTGYSQ, from the C Terminus of the protein sequence according to NP\_004387.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:2000.

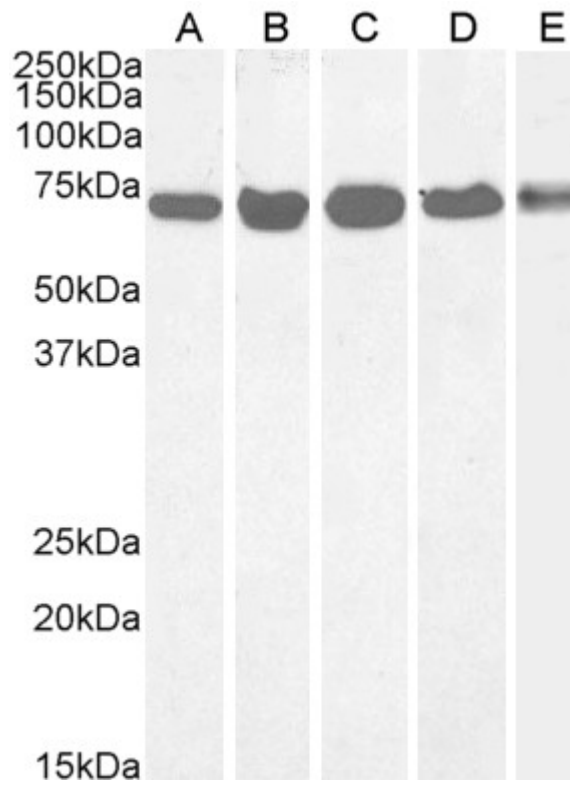
**Western blot:** Approx 70kDa band observed in nuclear lysates of cell lines NIH3T3, A431, HeLa and Jurkat (calculated MW of 69.1kDa according to NP\_004387.1).

Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB06310 (0.5 $\mu$ g/ml) staining of cell lines A431(A), HeLa(B), HepG2(C), Jurkat(D) and NIH3T3 (E) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.