

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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 1:8000.

**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.

**Immunofluorescence:** A customer has reported successful staining at a dilution of 1:100 on HT-1080 cells with a Rhodamine conjugated secondary antibody. **This data is from a previous batch, not on sale.**

### Species Reactivity

**Tested:** Human, Mouse

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

EB06310 (0.3µg/ml) staining of NIH3T3 (A), HeLa (B), A431 (C) and Jurkat (D) nuclear lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06310 (2.5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**

EB06310 (2.5µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**

EB06310 (2.5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**