

## UK Office

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

## EB07900 - Goat Anti-DBP5 / DDX19 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DDX19, DBP5, DDX19B, DEAD (Asp-Glu-Ala-As) box polypeptide 19B, RNAh, ATP-dependent RNA helicase DDX19, DEAD (Asp-Glu-Ala-As) box polypeptide 19, DEAD-box RNA helicase DEAD5, DEAD-box protein 5, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (Dbp5, yeast, homolog), yeast Dbp5 homolog

**Official Symbol:** DDX19B

**Accession Number(s):** NP\_009173.1; NP\_001014451.1; NP\_001014449.1; NP\_060802.1

**Human GeneID(s):** [11269](#) , [55308](#)

**Non-Human GeneID(s):** 234733 (mouse), 690693 (rat)

**Important Comments:** This antibody is expected to recognise DDX19A (NP\_060802.1) and all reported isoforms of DDX19B (NP\_009173.1, NP\_001014451.1 and NP\_001014449.1).

### Immunogen

Peptide with sequence C-DLPVDKDGNDNETY, from the internal region of the protein sequence according to NP\_009173.1; NP\_001014451.1; NP\_001014449.1; NP\_060802.1.

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

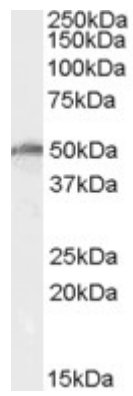
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 50kDa band observed in lysates of human ovary and of cell line K562 (calculated MW of 50.5kDa according to NP\_001014451.1). Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB07900 (0.5 $\mu$ g/ml) staining of K562 cell lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.