



## International Office

### Everest Biotech Ltd

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

## EB07612 - Goat Anti-ADH5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ADH5, alcohol dehydrogenase 5 (class III), chi polypeptide, ADH-3, ADHX, FDH, Alcohol dehydrogenase (class III), chi polypeptide, class III alcohol dehydrogenase 5 chi subunit, formaldehyde dehydrogenase, glutathione-dependent formaldehyde dehydrogenase, GSNOR

**Official Symbol:** ADH5

**Accession Number(s):** NP\_000662.3

**Human GeneID(s):** [128](#)

**Non-Human GeneID(s):** 11532 (mouse)

### Immunogen

Peptide with sequence C-KKIKVDEFVTHN, from the internal region of the protein sequence according to NP\_000662.3 .

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 38kDa band observed in Human Testis lysates (calculated MW of 39.7kDa according to NP\_000662.3 ). Recommended concentration: 0.5-1.5µg/ml. An anonymous customer found positive results in WB on Rat penis tissue. An anonymous customer found positive results in WB on Mouse penile tissue.

**IHC:** An anonymous customer found positive results in IHC on Rat penile tissue.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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



EB07612 (0.5 $\mu$ g/ml) staining of Human Testis lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.