

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# 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 GenelD(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

250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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