

### **International Office**

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# EB08207 - Goat Anti-ACVR1 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: ACVR1, activin A receptor, type I, ACTRI, ACVRLK2, ALK2, FOP,

SKR1, activin A receptor, type II-like kinase 2, activin A type I receptor,

hydroxyalkyl-protein kinase **Official Symbol:** ACVR1

Accession Number(s): NP\_001096.1

Human GeneID(s): 90

Non-Human GenelD(s): 11477 (mouse), 79558 (rat)

Important Comments: Reported variants represent identical protein: NP\_001096.1,

NP\_001104537.1

# **Immunogen**

Peptide with sequence C-RKFKRRNQERLNPRD, from the internal region of the protein sequence according to NP\_001096.1.

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**

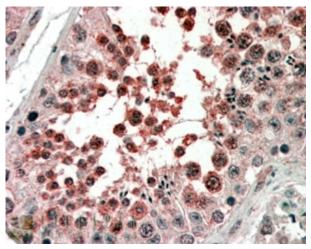
Peptide ELISA: antibody detection limit dilution 1:128000.

**Western blot:** Approx 60kDa band observed in Human Umbilical Cord lysates (calculated MW of 57.2kDa according to NP\_001096.1). Recommended concentration: 0.3-1μg/ml. **IHC:** In paraffin embedded Human Testis shows preferential staining of cytoplasm in primary spermatocytes.. Recommended concentration, 4-6μg/ml.

## **Species Reactivity**

Tested: Human

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



EB08207 ( $4\mu g/ml$ ) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08207 (0.3 $\mu$ g/ml) staining of Human Umbilical Cord lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.