



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB09849 - Goat Anti-CRISP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CRISP-2, cysteine-rich secretory protein 2, GAPDL5, glyceraldehyde-3-phosphate dehydrogenase-like 5, MGC111136, OTTHUMP00000016589, testis specific protein 1 (probe H4-1 p3-1), TPX1, TSP1, CRISP2

**Official Symbol:** CRISP2

**Accession Number(s):** NP\_003287.1

**Human GeneID(s):** [7180](#)

**Important Comments:** Reported variants represent identical protein: NP\_003287.1, NP\_001135879.1, NP\_001135889.1, NP\_001135907.1, NP\_001135880.1.

### Immunogen

Peptide with sequence C-QHSDPEDRKTSTR, from the internal region of the protein sequence according to NP\_003287.1.

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.

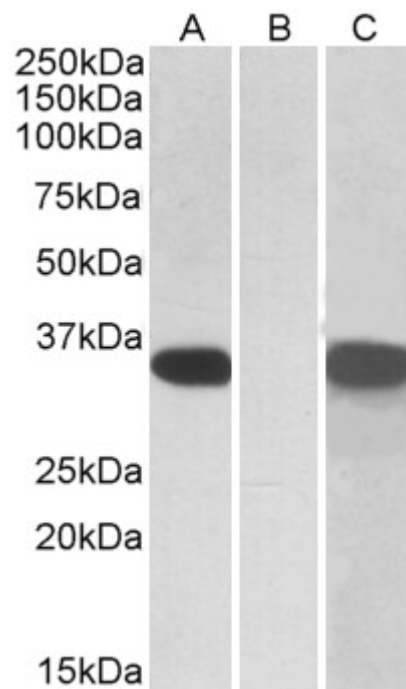
**Western blot:** In transfected HEK293 transiently expressing Human CRISP2 (MYC and DYKDDDDK tagged), a band of approx. 35kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration: 0.5-1µg/ml. Primary incubations were for 1 hour. Preliminary experiments gave an approx 55kDa band in Human Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 27.3kDa according to NP\_003287.1. The 55kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.

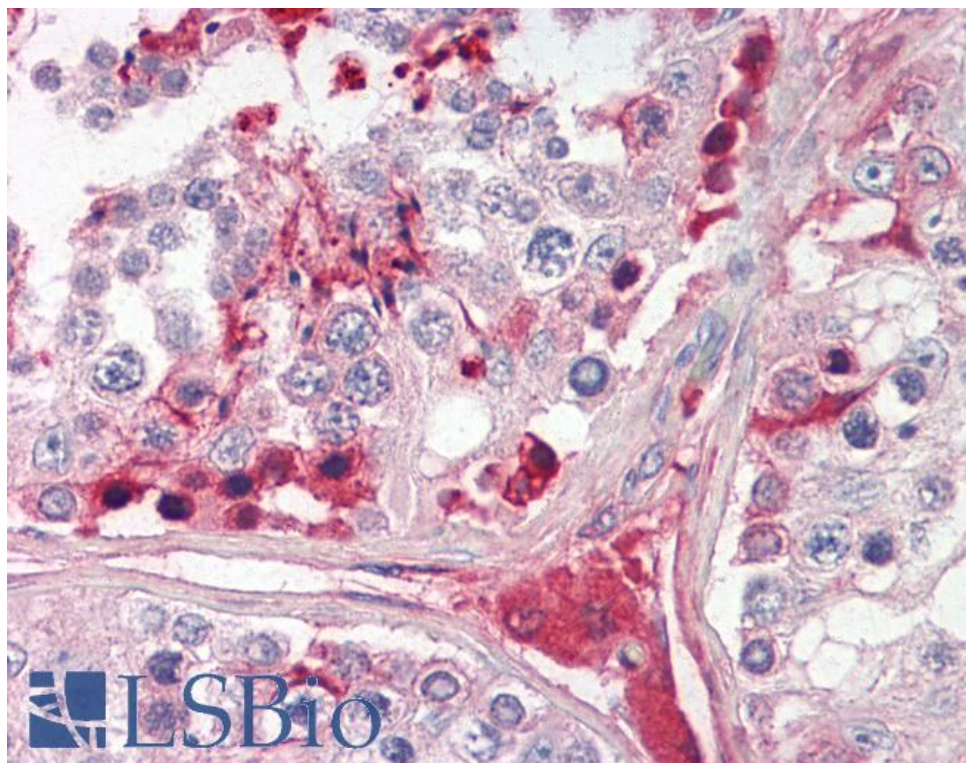
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Pig, Dog



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human CRISP2 (RC205312) with C-terminal MYC tag probed with EB09849 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB09849 (1mg/ml) in Lane B. Detected by chemiluminescence.



EB09849 (3.75µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.