

## UK Office

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

## EB08839 - Goat Anti-TROP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TROP2, TACSTD2, tumor-associated calcium signal transducer 2, EGP-1, GA733, GA733-1, M1S1, epithelial glycoprotein-1, membrane component, chromosome 1, surface marker 1 (40kD glycoprotein, identified by monoclonal antibody GA733)

**Official Symbol:** TACSTD2

**Accession Number(s):** NP\_002344.2

**Human GeneID(s):** [4070](#)

**Non-Human GeneID(s):** 56753 (mouse)

### Immunogen

Peptide with sequence C-HYEQPTIQIELRQN , from the internal region of the protein sequence according to NP\_002344.2.

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. 37kDa band observed in Human Prostate lysates (calculated MW of 35.7kDa according to NP\_002344.2). Recommended concentration: 0.2-0.5µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.

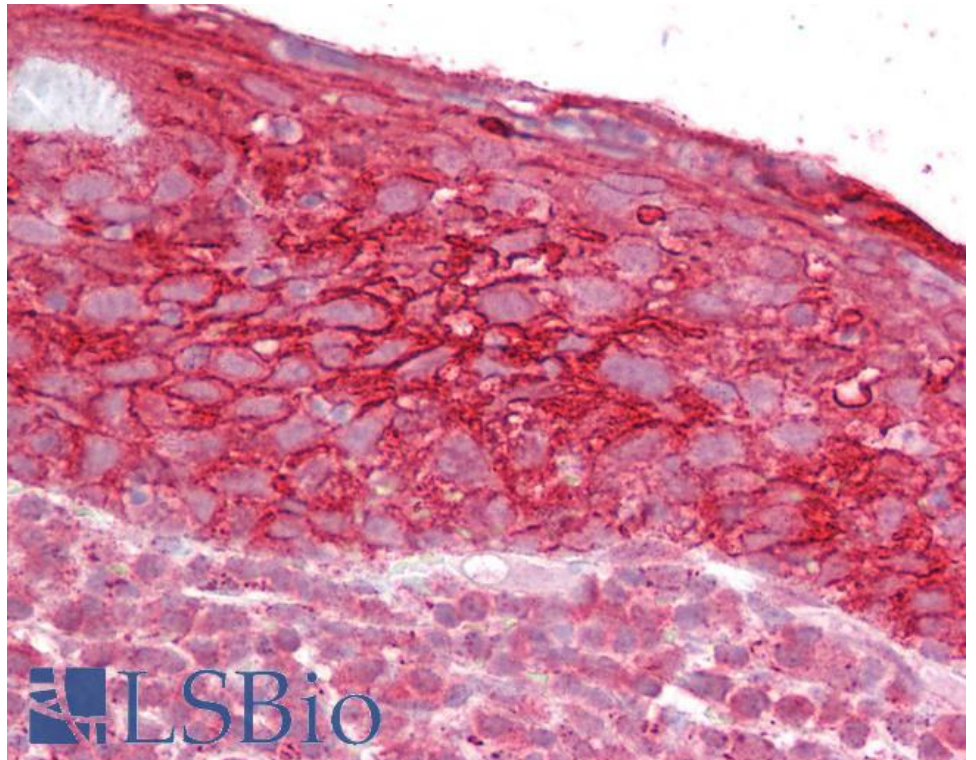
### Species Reactivity

**Tested:** Human

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



EB08839 (0.2 $\mu$ g/ml) staining of Human Prostate lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB08839 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.