



## UK Office

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

## EB09515 - Goat Anti-Calponin 1 / CNN1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CNN1, calponin 1, basic, smooth muscle, SMCC, Sm-Calp, calponins, basic

**Official Symbol:** CNN1

**Accession Number(s):** NP\_001290.2

**Human GeneID(s):** [1264](#)

**Non-Human GeneID(s):** 12797 (mouse), 65204 (rat)

### Immunogen

Peptide with sequence C-KRQIFEPGLGMEH, from the internal region (near C Terminus) of the protein sequence according to NP\_001290.2.

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

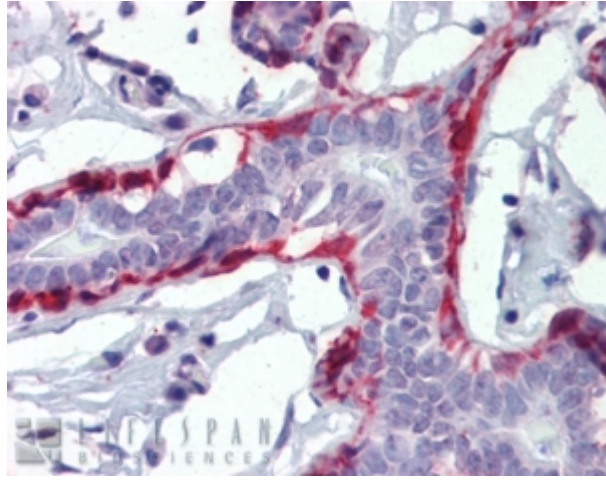
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**IHC:** In paraffin embedded Human Breast shows staining of myoepithelial cells surrounding the ductal lining. Recommended concentration, 3-6µg/ml.

### Species Reactivity

**Tested:** Human

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



EB09515 (3.8µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.