

## UK Office

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

## EB09211 - Goat Anti-CXXC4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CXXC4, CXXC finger 4, IDAX, MGC149872, Dvl-binding protein IDAX (inhibition of the Dvl and Axin complex), inhibition of the Dvl and Axin complex

**Official Symbol:** CXXC4

**Accession Number(s):** NP\_079488.1

**Human GeneID(s):** [80319](#)

**Non-Human GeneID(s):** 319478 (mouse)

### Immunogen

Peptide with sequence C-GTSLERTPVPSAEA, from the C-Terminus (near) of the protein sequence according to NP\_079488.1.

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 1:32000.

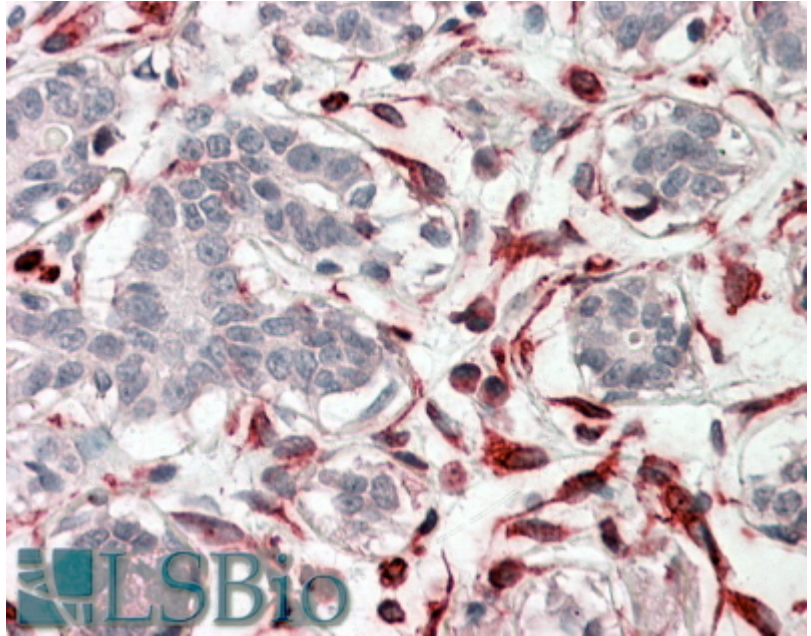
**Western blot:** Preliminary experiments in Human Brain (Cerebellum, Hippocampus) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

**IHC:** In paraffin embedded Human Breast shows cytoplasm staining in myoepithelial cells. Recommended concentration, 3-5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse



EB09211 (3.8µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.