

#### **International Office**

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# EB06894 - Goat Anti-CFC1 / Cripto-1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: CFC1, HTX2, CRYPTIC, cripto, FRL-1, cryptic family 1, cripto-1,

cryptic, cryptic gene, MGC133213, CR-1, FLJ77897

Official Symbol: CFC1

Accession Number(s): NP\_115934.1

Human GeneID(s): 55997

### **Immunogen**

Peptide with sequence HFTGRYCEHDQRRSEC, from the internal region of the protein sequence according to NP\_115934.1.

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.

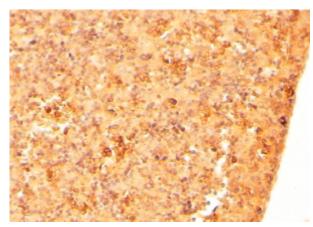
**Western blot:** Preliminary experiments gave an approx 55kDa band in Human Breast, Placenta and Testis lysates after 0.1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 24.6kDa according to NP\_115934.1. The 55kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** In paraffin embedded Mouse Embryonic Liver shows staining of the hepatocyte cell membranes. Recommended concentration: 1-2µg/ml.

#### **Species Reactivity**

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat



EB06894 ( $2\mu g/ml$ ) staining of paraffin embedded Mouse Embryo Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.