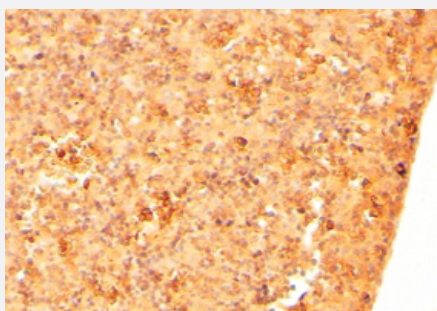


# CFC1 polyclonal antibody

Catalog # PAB6850      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

CFC1 polyclonal antibody (Cat # PAB6850, 2 ug/mL) staining of paraffin embedded mouse embryo liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

## Specification

|                                |                                                                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Goat polyclonal antibody raised against synthetic peptide of CFC1.                                                                                                        |
| <b>Immunogen</b>               | A synthetic peptide corresponding to human CFC1.                                                                                                                          |
| <b>Sequence</b>                | HFTGRYCEHDQRRSEC                                                                                                                                                          |
| <b>Host</b>                    | Goat                                                                                                                                                                      |
| <b>Theoretical MW (kDa)</b>    | 24.6                                                                                                                                                                      |
| <b>Form</b>                    | Liquid                                                                                                                                                                    |
| <b>Purification</b>            | Antigen affinity purification                                                                                                                                             |
| <b>Concentration</b>           | 0.5 mg/mL                                                                                                                                                                 |
| <b>Quality Control Testing</b> | Antibody Reactive Against Synthetic Peptide.                                                                                                                              |
| <b>Recommend Usage</b>         | ELISA (1:32000)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>          | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)                                                                                                                     |

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CFC1

**Entrez GeneID**[55997](#)**Protein Accession#**[NP\\_115934.1](#)**Gene Name**

CFC1

**Gene Alias**

CRYPTIC, FLJ77897, HTX2, MGC133213

**Gene Description**

cripto, FRL-1, cryptic family 1

**Omim ID**[217095 605194 605376](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the epidermal growth factor (EGF)- Cripto, Frl-1, and Cryptic (CFC) family. EGF-CFC family member proteins share a variant EGF-like motif, a conserved cysteine-rich domain, and a C-terminal hydrophobic region. These proteins play key roles in intercellular signaling pathways during vertebrate embryogenesis. Mutations in this gene can cause autosomal visceral heterotaxy. This protein is involved in left-right asymmetric morphogenesis during organ development. [provided by RefSeq]

**Other Designations**

cryptic

## Publication Reference

- [Role of human cripto-1 in tumor angiogenesis.](#)

Bianco C, Strizzi L, Ebert A, Chang C, Rehman A, Normanno N, Guedez L, Salloum R, Ginsburg E, Sun Y, Khan N, Hirota M, Wallace-Jones B, Wechselberger C, Vonderhaar BK, Tosato G, Stetler-Stevenson WG, Sanicola M, Salomon DS.

Journal of the National Cancer Institute 2005 Jan; 97(2):132.

Application: Func, Human, HUVECs, MCF-7 cells

## Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Heart Defects](#)
- [Heart Septal Defects](#)