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Certificate of Analysis and Data Sheet

Goat Anti-CFC1 / Cripto-1 With HRP-conjugated Secondary Antibody

Catalog No.
ER-14-0319

Accession No.
AAA82889.1; AAA82935.1; AAA86889.1

Target Protein

Principal Names: CFC1 antibody, HTX2 antibody, CRYPTIC antibody, cripto, FRL-1, cryptic family 1 antibody, cripto-1 antibody, cryptic antibody, cryptic gene antibody, MGC133213 antibody, CR-1 antibody, FLJ77897 antibody

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.

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 Testes 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. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Expected from sequence similarity: Human, Mouse, Rat

Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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Not for diagnostic or therapeutic use.**