

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CBFA2T2 RABBIT PAB

Cat.#: S212856

Product Name: Anti-CBFA2T2 Rabbit Polyclonal Antibody

Synonyms: EHT; p85; MTGR1; ZMYND3

UNIPROT ID: O43439 (Gene Accession - BC040344)

Background: In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 (AML1) gene fused to the 3'-region of the CBFA2T1 (MTG8) gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. The protein encoded by this gene binds to the AML1-MTG8 complex and may be important in promoting leukemogenesis. Several transcript variants are thought to exist for this gene, but the full-length natures of only three have been described.

Immunogen: Fusion protein of human CBFA2T2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

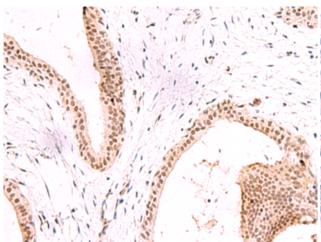
Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

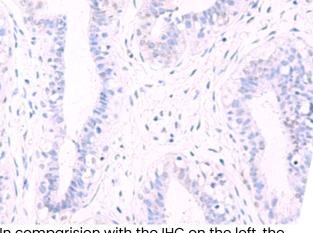
glycerol

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 212856(CBFA2T2 Antibody) at a dilution of 1/60(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 212856(Anti-CBFA2T2 Antibody) at dilution 1/60.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010