Product datasheet for TA322762

RUNX3 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: IHC, WB
Reactivity: Human, Mouse, Rat
Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
Immunogen: Synthetic peptide corresponding to a region derived from 400-415 amino acids of human runt-related transcription factor 3
Formulation: PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration: 0.8mg/ml
Purification: Antigen affinity purification
Predicted Protein Size: 44 kDa
Gene Name: runt related transcription factor 3
Database Link: NP_004341 Entrez Gene 12399 Mouse Entrez Gene 156726 Rat Entrez Gene 864 Human
Background: This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5’-PYGPYGGT-3’ found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Synonyms: AML2; CBFA3; PEBP2aC
Protein Families: Transcription Factors
Predicted band size: 44kDa. Positive control: Mouse thymus tissue lysate. Recommended dilution: 1/200-1000. (Gel: 10% SDS-PAGE Lysate: 40 μg Primary antibody: 1/400 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/8000 dilution Exposure time: 1 minute)

Predicted cell location: Cytoplasm, Nucleus. Positive control: Human colon cancer tissue. Recommended dilution: 1/25-100. The image on the left is immunohistochemistry of paraffin-embedded human colon cancer tissue using RUNX3 antibody at dilution 1/25, on the right is treated with the synthetic peptide. (Original magnification:x200)