antibodies.com

Datasheet for ABIN3032500 anti-RUNX2 antibody (AA 445-474)

5 Images



Overview

| Quantity: | 0.4 mL |
|----------------------|---|
| Target: | RUNX2 |
| Binding Specificity: | AA 445-474 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RUNX2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS) |

Product Details

| Immunogen: | A portion of amino acids 445-474 from the human protein was used as the immunogen for this RUNX2 antibody. |
|---------------|--|
| Isotype: | Ig Fraction |
| Purification: | Antigen affinity purified |

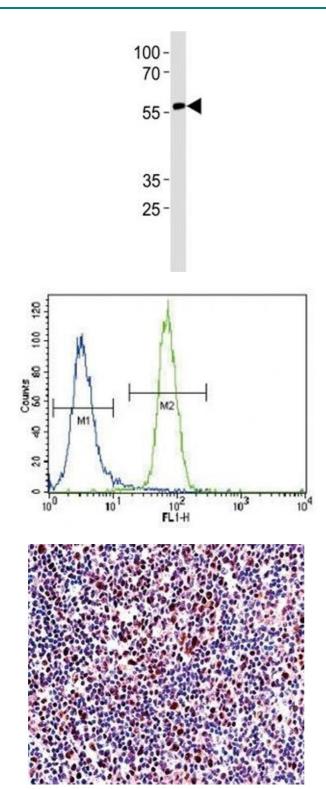
Target Details

| Target: | RUNX2 |
|-------------------|---|
| Alternative Name: | RUNX2 (RUNX2 Products) |
| Background: | RUNX2 is a transcription factor involved in osteoblastic differentiation and skeletal morphogenesis. Essential for the maturation of osteoblasts and both intramembranous and |
| | endochondral ossification. CBF binds to the core site, 5'-PYGPYGGT-3', of a number of |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN3032500 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

| | enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, osteocalcin, osteopontin, bone sialoprotein, alpha 1(I) collagen, LCK, IL-3 and GM-CSF promoters. In osteoblasts, supports transcription activation: synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE) (By similarity). Inhibits KAT6B-dependent transcriptional activation. [UniProt] |
|---------------------|---|
| UniProt: | Q13950 |
| Application Details | |
| Application Notes: | Titration of the RUNX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | In 1X PBS, pH 7.4, with 0.09 % sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot the RUNX2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles. |

Target Details



Western Blotting

Image 1. RUNX2 antibody western blot analysis in CEM lysate. Predicted molecular weight: 50-60 kDa.

Flow Cytometry

Image 2. RUNX2 antibody flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Immunohistochemistry

Image 3. RUNX2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.

Please check the product details page for more images. Overall 5 images are available for ABIN3032500.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN3032500 | 09/11/2023 | Copyright antibodies-online. All rights reserved.