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Datasheet for ABIN1683061
anti-TNFRSF1B antibody (AA 30-250)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | TNFRSF1B |
| Binding Specificity: | AA 30-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TNFRSF1B antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 30-250 of human TNFR2/TNFR2/TNFRSF1B (NP_001057.1). |
| Sequence: | TPYAPEPGST CRLREYYDQT AQMCCSKCSP GQHAKVFCTK TSDTVCDSCD DSTYTQLWNW VPECLSCGSR CSSDQVETQA CTREQNRICT CRPGWYCAL S KQEGCRLCAP LRKCRPGFGV ARPGTETSDV VCKPCAPGTF SNTTSSDID RPHQICNVVA IPGNASMDAV CTSTSPTRSM APGAVHLPQP VSTRSQHTQP TPEPSTAPST SFLPMGPSP P |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | TNFRSF1B |
| Alternative Name: | TNFRSF1B (TNFRSF1B Products) |
| Background: | <p>The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.,CD120b,TBPII,TNF-R-II,TNF-R75,TNFBFR,TNFR1B,TNFR2,TNFR80,p75,p75TNFR,TNF Receptor II,TNFRSF1B,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Growth factor,TNF,Death Receptor Signaling Pathway,Immunology & Inflammation,CD markers,Cytokines,TNF,NF-kB Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,Neuroscience,Neurodegenerative Diseases,Cardiovascular,Angiogenesis,Angiogenic growth factors,TNFRSF1B</p> |
| Molecular Weight: | 28 kDa/48 kDa |
| Gene ID: | 7133 |
| UniProt: | P20333 |
| Pathways: | NF-kappaB Signaling , Apoptosis , Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Ubiquitin Proteasome Pathway |

Application Details

| | |
|--------------------|-----------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:200 |
| Restrictions: | For Research Use only |

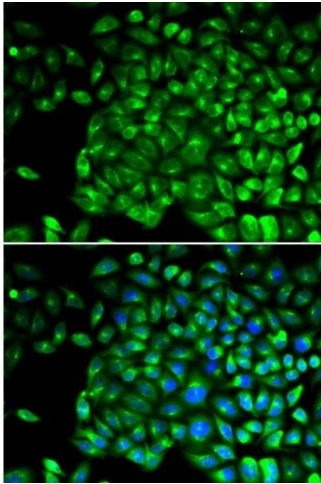
Handling

| | |
|--------------------|--|
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| 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 |

Handling

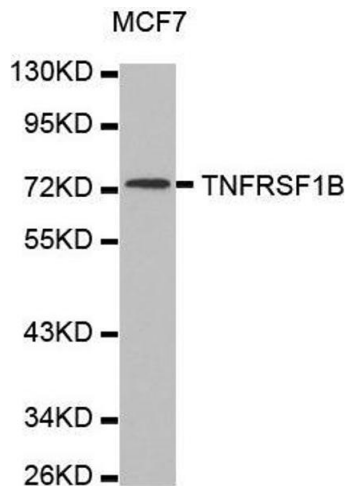
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



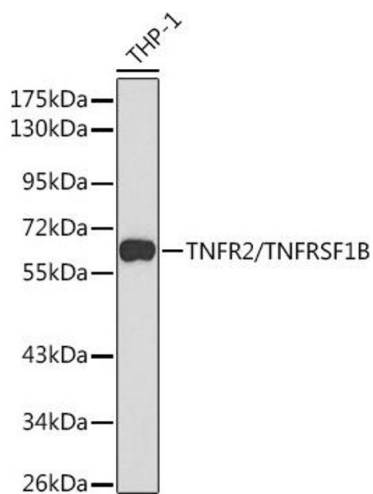
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using TNFR2/TNFR2/TNFRSF1B antibody (ABIN1683061, ABIN3015125, ABIN3015126 and ABIN6213832). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of MCF7 cell line, using TNFRSF1B antibody.



Western Blotting

Image 3. Western blot analysis of extracts of THP-1 cells, using TNFR2/TNFR2/TNFRSF1B antibody (ABIN1683061, ABIN3015125, ABIN3015126 and ABIN6213832) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.