

Datasheet for ABIN7173876
anti-TNFRSF21 antibody (AA 371-655)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TNFRSF21
Binding Specificity:	AA 371-655
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF21 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Tumor necrosis factor receptor superfamily member 21 protein (371-655AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TNFRSF21
Alternative Name:	TNFRSF21 (TNFRSF21 Products)
Background:	Background: Promotes apoptosis, possibly via a pathway that involves the activation of NF-

Target Details

kappa-B. Can also promote apoptosis mediated by BAX and by the release of cytochrome c from the mitochondria into the cytoplasm. Plays a role in neuronal apoptosis, including apoptosis in response to amyloid peptides derived from APP, and is required for both normal cell body death and axonal pruning. Trophic-factor deprivation triggers the cleavage of surface APP by beta-secretase to release sAPP-beta which is further cleaved to release an N-terminal fragment of APP (N-APP). N-APP binds TNFRSF21, this triggers caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6). Negatively regulates oligodendrocyte survival, maturation and myelination. Plays a role in signaling cascades triggered by stimulation of T-cell receptors, in the adaptive immune response and in the regulation of T-cell differentiation and proliferation. Negatively regulates T-cell responses and the release of cytokines such as IL4, IL5, IL10, IL13 and IFNG by Th2 cells. Negatively regulates the production of IgG, IgM and IgM in response to antigens. May inhibit the activation of JNK in response to T-cell stimulation.

Aliases: TNFRSF 21 antibody, BM 018 antibody, BM018 antibody, CD358 antibody, Death receptor 6 antibody, DR 6 antibody, DR6 antibody, MGC31965 antibody, OTTHUMP00000039915 antibody, TNFR related death receptor 6 antibody, TNFRSF21 antibody, TNFRSF21 protein antibody, TNR21_HUMAN antibody, Tumor necrosis factor receptor superfamily member 21 antibody, Tumor necrosis factor receptor superfamily member 21 precursor antibody

UniProt: [O75509](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

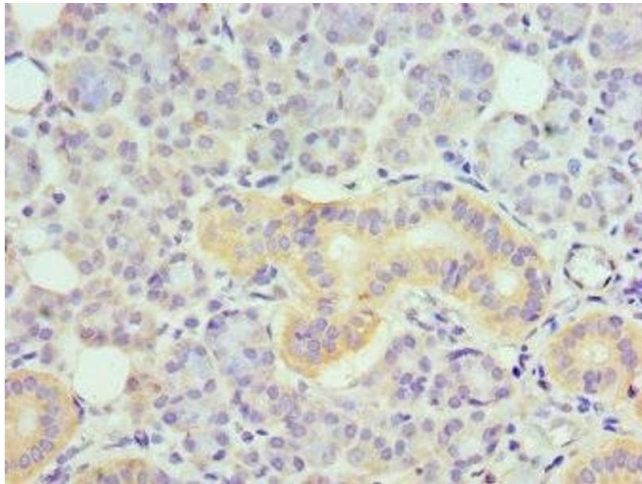
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

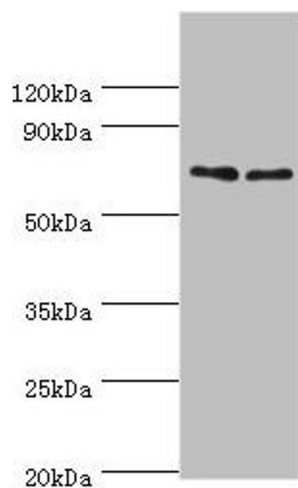
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7173876 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: TNFRSF21 antibody at 4 µg/mL Lane 1: K562 whole cell lysate Lane 2: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 72 kDa Observed band size: 72 kDa