

Anti-FAS Antibody

Catalog # ABO10576

Product Information

Application	WB, IHC-P, IHC-F
Primary Accession	Q63199
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 6(FAS) detection. Tested with WB, IHC-P, IHC-F in Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

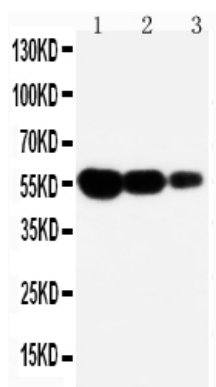
Other Names	Tumor necrosis factor receptor superfamily member 6, Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor, CD95, Fas, Apt1, Tnfrsf6
Calculated MW	36835 Da
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Mouse, Rat , By Heat Immunohistochemistry(Frozen Section), 0.5-1 μ g/ml, Mouse, Rat , - Western blot, 0.1-0.5 μ g/ml, Mouse, Rat
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Protein Name	Tumor necrosis factor receptor superfamily member 6
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of rat Fas (87-109aa, YTDRKHYSKCRRC AFCDEGHGL).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.

Protein Information

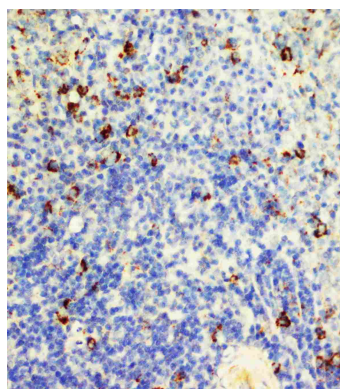
Background

FAS(also known as surface antigen APO1 or CD95) is a member of the tumour-necrosis receptor factor family of death receptors, can induce apoptosis or, conversely, can deliver growth stimulatory signals. It acts as an inducer of both neurite growth in vitro and accelerated recovery after nerve injury in vivo. Fas antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. The FAS antigen shows structural homology with a number of cell surface receptors, including tumor necrosis factor(TNF) receptors and the low-affinity nerve growth factor receptor(NGFR) and is mapped to 10q24.1. And the FAS and FASL system plays a key role in regulating apoptotic cell death and corruption of this signalling pathway has been shown to participate in immune escape and tumorigenesis.

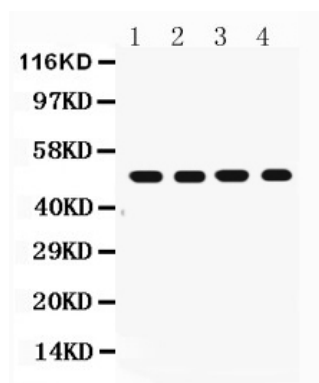
Images



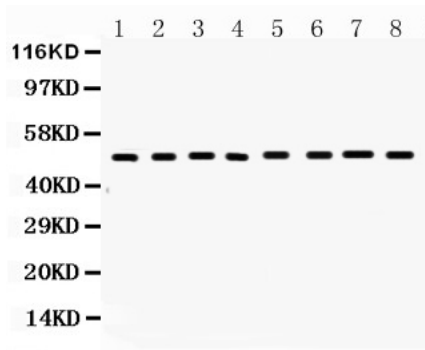
Anti-Fas antibody, ABO10576, Western blotting
Lane 1:
Recombinant Mouse FAS Protein 10ng
Lane 2:
Recombinant Mouse FAS Protein 5ng
Lane 3: Recombinant
Mouse FAS Protein 2.5ng



Anti-Fas antibody, ABO10576, IHC(P)
IHC(P): Rat Spleen
Tissue Lysate



Western blot analysis of FAS expression in rat liver extract (lane 1), rat spleen extract (lane 2), rat brain extract (lane 3) and rat cardiac muscle extract (lane 4). FAS at 50KD was detected using rabbit anti- FAS Antigen Affinity purified polyclonal antibody (Catalog # ABO10576) at 0.5 μ g/mL. The blot was developed using chemiluminescence (ECL) method .



Western blot analysis of FAS expression in mouse liver extract (lane 1), mouse spleen extract (lane 2), mouse brain extract (lane 3), mouse kidney extract (lane 4), mouse thymus extract (lane 5), mouse lung extract (lane 6), HEPA1-6 whole cell lysates (lane 7) and NIH3T3 whole cell lysates (lane 8). FAS at 50KD was detected using rabbit anti-FAS Antigen Affinity purified polyclonal antibody (Catalog # ABO10576) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.