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TNFRSF6B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10136a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O95407
Other Accession	NP_116563.1, NP_003814.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21898
Calculated MW	32680
Antigen Region	22-48

Additional Information

Gene ID	8771
Other Names	Tumor necrosis factor receptor superfamily member 6B, Decoy receptor 3, DcR3, Decoy receptor for Fas ligand, M68, TNFRSF6B, DCR3, TR6
Target/Specificity	This TNFRSF6B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-48 amino acids from the N-terminal region of human TNFRSF6B.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TNFRSF6B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNFRSF6B
Function	Soluble decoy receptor that binds and neutralizes the TNF- family ligands

TNFSF14/LIGHT, TNFSF15, and FASLG, preventing them from interacting with their cognate receptors and thereby blocking apoptosis and other immune-signaling pathway.

Cellular Location Secreted.

Tissue Location Detected in fetal lung, brain and liver. Detected in adult stomach, spinal cord, lymph node, trachea, spleen, colon and lung. Highly expressed in several primary tumors from colon, stomach, rectum, esophagus and in SW480 colon carcinoma cells

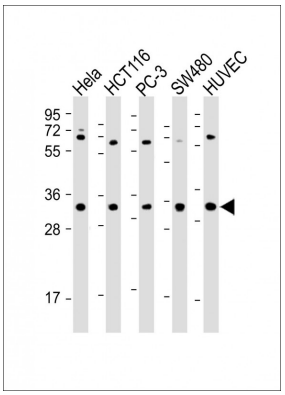
Background

This gene belongs to the tumor necrosis factor receptor superfamily. The encoded protein is postulated to play a regulatory role in suppressing FasL- and LIGHT-mediated cell death. It acts as a decoy receptor that competes with death receptors for ligand binding. Overexpression of this gene has been noted in gastrointestinal tract tumors, and it is located in a gene-rich cluster on chromosome 20, with other potentially tumor-related genes. Two transcript variants encoding the same isoform, but differing in the 5' UTR, have been observed for this gene.

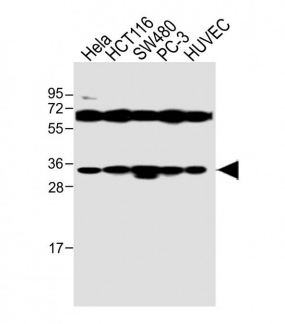
References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Xiong, G., et al. Tumour Biol. 31(5):443-449(2010)
Sung, H.Y., et al. Int. J. Radiat. Biol. 86(9):780-790(2010)
Brunetti, G., et al. Ann. N. Y. Acad. Sci. 1192, 298-302 (2010) :
Perdigones, N., et al. Arthritis Rheum. 62(3):705-710(2010)

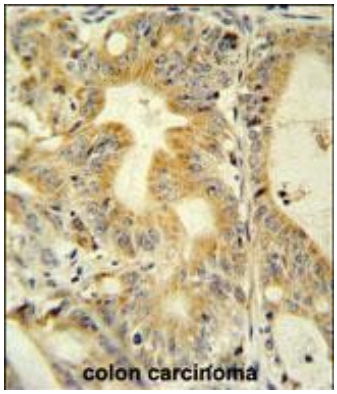
Images



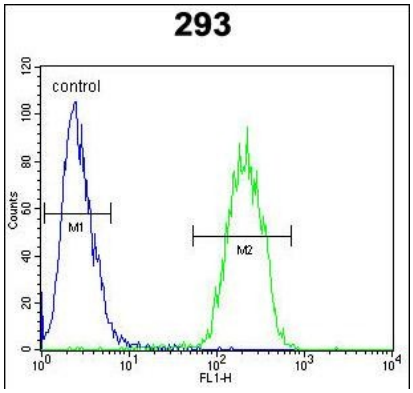
All lanes : Anti-TNFRSF6B Antibody (N-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: HCT116 whole cell lysate Lane 3: PC-3 whole cell lysate Lane 4: SW480 whole cell lysate Lane 5: HUVEC whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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TNFRSF6B antibody (N-term) (Cat. #AP10136a) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TNFRSF6B antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



TNFRSF6B Antibody (N-term) (Cat. #AP10136a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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