

ARG45181 anti-TAB2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TAB2
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	TAB2
Species	Human
Immunogen	Recombinant protein containing to human TAB2.
Conjugation	Un-conjugated
Alternate Names	Tumor necrosis factor receptor superfamily member 4; MRC OX40; OX40 antigen; OX40L receptor; CD134; Tnfrsf4; Ox40; Txgp1l

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	76 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

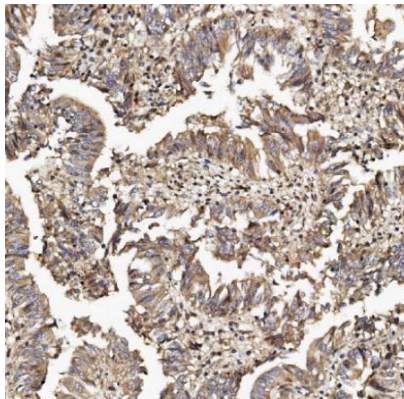
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

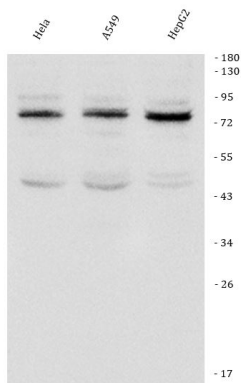
Gene Symbol	TAB2
Gene Full Name	TGF-Beta Activated Kinase 1 (MAP3K7) Binding Protein 2
Background	The protein encoded by this gene is an activator of MAP3K7/TAK1, which is required for for the IL-1 induced activation of nuclear factor kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, and it thus serves as an adaptor that links MAP3K7 and TRAF6. This protein, along with TAB1 and MAP3K7, also participates in the signal transduction induced by TNFSF11/RANKI through the activation of the receptor activator of NF-kappaB (TNFRSF11A/RANK), which may regulate the development and function of osteoclasts. Studies of the related mouse protein indicate that it functions to protect against liver damage caused by chemical stressors. Mutations in this gene cause congenital heart defects, multiple types, 2 (CHTD2). Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
Function	Adapter required to activate the JNK and NF-kappa-B signaling pathways through the specific recognition of 'Lys-63'-linked polyubiquitin chains by its RanBP2-type zinc finger (NZF). [UniProt]
Calculated Mw	76 kDa
PTM	Isopeptide bond; Methylation; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Membrane; Endosome membrane; Lysosome membrane; Cytoplasm, cytosol. [UniProt]

Images



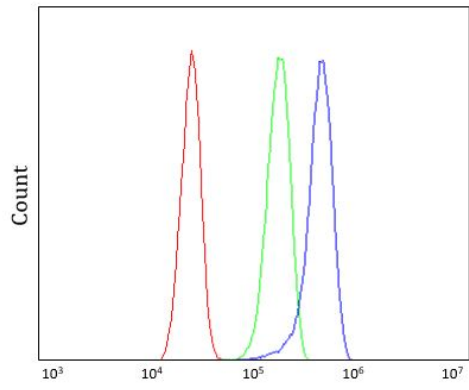
ARG45181 anti-TAB2 antibody IHC-P image

Immunohistochemistry: Human rectal cancer stained with ARG45181 anti-TAB2 antibody at 2 µg/ml dilution.



ARG45181 anti-TAB2 antibody WB image

Western blot: HeLa, A549, and HepG2 stained with ARG45181 anti-TAB2 antibody at 0.5 µg/ml dilution.



ARG45181 anti-TAB2 antibody FACS image

Flow Cytometry: U87 stained with ARG45181 anti-TAB2 antibody at $1 \mu\text{g}/10^6$ cells dilution.