

ARG45671 anti-TTC7B antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TTC7B
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TTC7B
Species	Human
Immunogen	Recombinant protein containing to human TTC7B.
Conjugation	Un-conjugated
Alternate Names	TTC7B; Tetratricopeptide Repeat Domain 7B; TTC7L1; Tetratricopeptide Repeat Protein 7-Like-1; Tetratricopeptide Repeat Domain 7 Like 1; Tetratricopeptide Repeat Protein 7B; TPR Repeat Protein 7-Like-1; TPR Repeat Protein 7B; C14_5685

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	94 kDa	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
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.

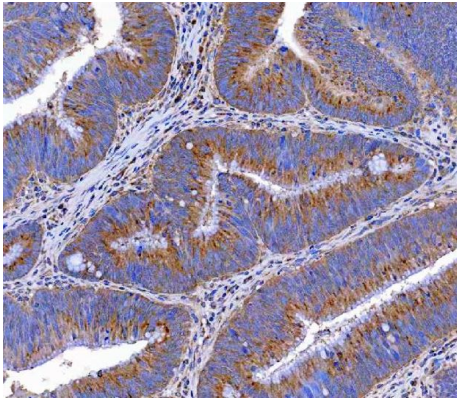
Note

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

Bioinformation

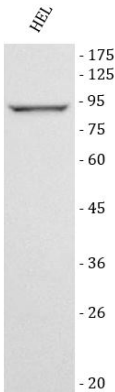
Gene Symbol	TTC7B
Gene Full Name	Tetratricopeptide Repeat Domain 7B
Background	Involved in phosphatidylinositol phosphate biosynthetic process and protein localization to plasma membrane. Located in cytosol and plasma membrane. [provided by Alliance of Genome Resources, Feb 2025]
Function	Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane. The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis. In the complex, plays a central role in bridging PI4KA to EFR3B and HYCC1, via direct interactions. [UniProt]
Calculated Mw	94 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cell membrane; Cytoplasm; Membrane. [UniProt]

Images



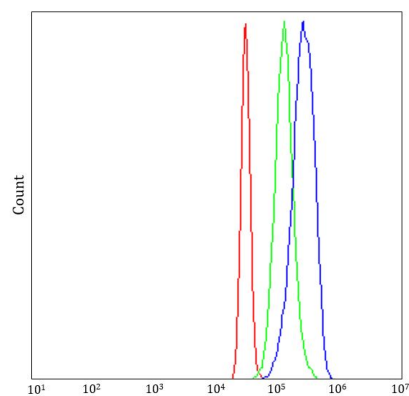
ARG45671 anti-TTC7B antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG45671 anti-TTC7B antibody at 2 µg/ml dilution.



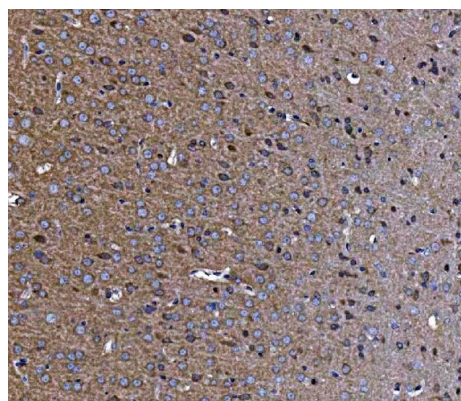
ARG45671 anti-TTC7B antibody WB image

Western blot: HEL stained with ARG45671 anti-TTC7B antibody at 0.5 µg/ml dilution.



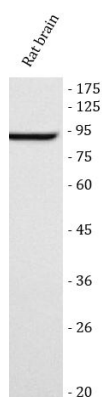
ARG45671 anti-TTC7B antibody FACS image

Flow Cytometry: HepG2 stained with ARG45671 anti-TTC7B antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.



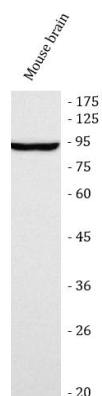
ARG45671 anti-TTC7B antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45671 anti-TTC7B antibody at $2\text{ }\mu\text{g}/\text{ml}$ dilution.



ARG45671 anti-TTC7B antibody WB image

Western blot: Rat brain stained with ARG45671 anti-TTC7B antibody at $0.5\text{ }\mu\text{g}/\text{ml}$ dilution.



ARG45671 anti-TTC7B antibody WB image

Western blot: Mouse brain stained with ARG45671 anti-TTC7B antibody at $0.5\text{ }\mu\text{g}/\text{ml}$ dilution.