

ARG45210 anti-XTP3TPA antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes XTP3TPA
Tested Reactivity	Hu, Ms
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	XTP3TPA
Species	Human
Immunogen	Recombinant protein containing to human DCTPP1.
Conjugation	Un-conjugated
Alternate Names	DCTPP1; DCTP Pyrophosphatase 1; XTP3TPA; RS21C6; CDA03; XTP3-Transactivated Gene A Protein; Deoxycytidine-Triphosphatase 1; XTP3-Transactivated Protein A; DCTPase 1; MGC5627; EC 3.6.1.12

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	19 kDa	

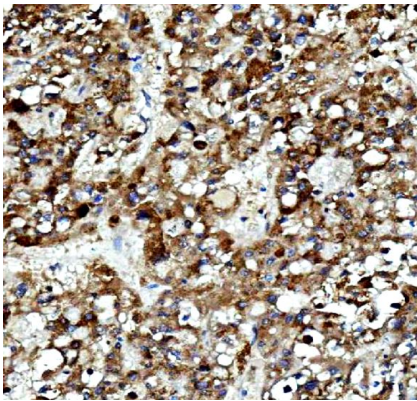
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
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.

Bioinformation

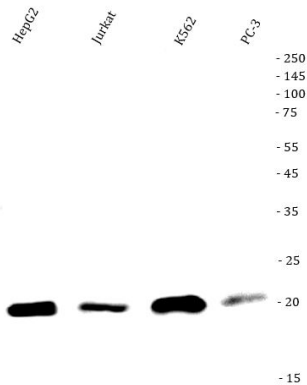
Gene Symbol	DCTPP1
Gene Full Name	DCTP Pyrophosphatase 1
Background	The protein encoded by this gene is dCTP pyrophosphatase, which converts dCTP to dCMP and inorganic pyrophosphate. The encoded protein also displays weak activity against dTTP and dATP, but none against dGTP. This protein may be responsible for eliminating excess dCTP after DNA synthesis and may prevent overmethylation of CpG islands. Three transcript variants, one protein-coding and the other two non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2015]
Function	Hydrolyzes deoxynucleoside triphosphates (dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for dCTP and its analogs including 5-iodo-dCTP and 5-methyl-dCTP for which it may even have a higher efficiency. May protect DNA or RNA against the incorporation of these genotoxic nucleotide analogs through their catabolism.. [UniProt]
Calculated Mw	18 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Mitochondrion; Nucleus. [UniProt]

Images



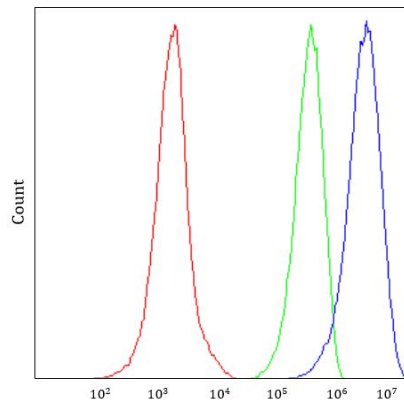
ARG45210 anti-XTP3TPA antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG45210 anti-XTP3TPA antibody at 2 µg/ml dilution.



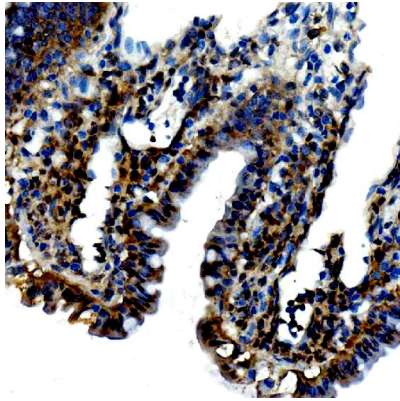
ARG45210 anti-XTP3TPA antibody WB image

Western blot: HepG2, Jurkat, K562, and PC-3 stained with ARG45210 anti-XTP3TPA antibody at 0.5 µg/ml dilution.



ARG45210 anti-XTP3TPA antibody FACS image

Flow Cytometry: JK stained with ARG45210 anti-XTP3TPA antibody at $1 \mu\text{g}/10^6$ cells dilution.



ARG45210 anti-XTP3TPA antibody IHC-P image

Immunohistochemistry: Mouse colon stained with ARG45210 anti-XTP3TPA antibody at $2 \mu\text{g}/\text{ml}$ dilution.