

ARG56231 anti-ACP5 / TRAcP antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ACP5 / TRAcP
Tested Reactivity	Hu, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACP5 / TRAcP
Species	Human
Immunogen	Recombinant protein of Human ACP5 / TRAcP
Conjugation	Un-conjugated
Alternate Names	Tartrate-resistant acid ATPase; SPENCDI; TrATPase; TR-AP; EC 3.1.3.2; Type 5 acid phosphatase; TRAP; HPAP; Tartrate-resistant acid phosphatase type 5

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	
Observed Size	~ 36 kDa	

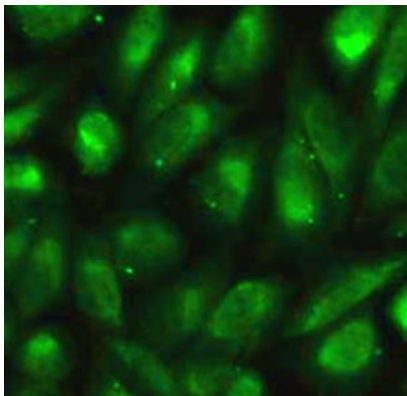
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

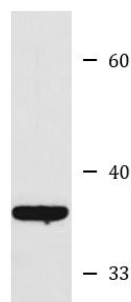
Database links	GeneID: 25732 Rat GeneID: 54 Human Swiss-port # P13686 Human Swiss-port # P29288 Rat
Gene Symbol	ACP5
Gene Full Name	acid phosphatase 5, tartrate resistant
Background	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq, Aug 2008]
Function	Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias. [UniProt]
Calculated Mw	37 kDa

Images



ARG56231 anti-ACP5 / TRAcP antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG56231 anti-ACP5 / TRAcP antibody.



Jurkat

ARG56231 anti-ACP5 / TRAcP antibody WB image

Western blot: Jurkat cell lysate stained with ARG56231 anti-ACP5 / TRAcP antibody.