

ARG56416
anti-Tollip antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Tollip
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Tollip
Species	Human
Immunogen	Recombinant protein of Human Tollip.
Conjugation	Un-conjugated
Alternate Names	Toll-interacting protein; IL-1RAcPIP

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	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	SW480	

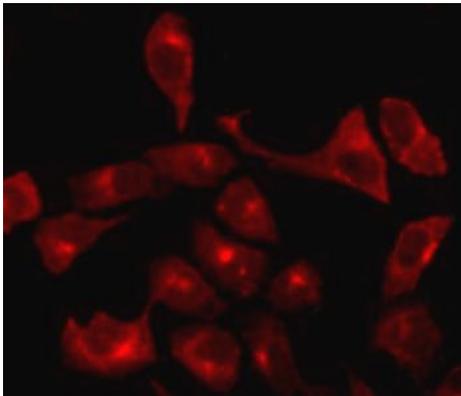
Properties

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

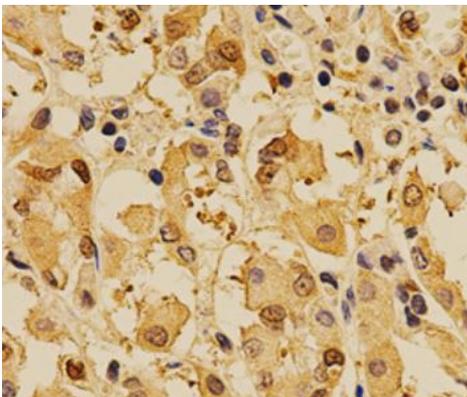
Gene Symbol	TOLLIP
Gene Full Name	toll interacting protein
Background	This gene encodes a ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and in the turnover of IL1R-associated kinase. [provided by RefSeq, Aug 2011]
Function	Component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex. Inhibits IRAK1 phosphorylation and kinase activity. Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin-ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates. The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates. [UniProt]
Calculated Mw	30 kDa
PTM	Phosphorylated by IRAK1 upon stimulation by IL-1 or microbial products.

Images



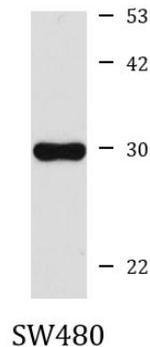
ARG56416 anti-Tollip antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG56416 anti-Tollip antibody.



ARG56416 anti-Tollip antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG56416 anti-Tollip antibody at 1:200 dilution.



ARG56416 anti-Tollip antibody WB image

Western blot: SW480 cell lysate stained with ARG56416 anti-Tollip antibody.