

ARG55806 anti-Triosephosphate isomerase antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Triosephosphate isomerase
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Triosephosphate isomerase
Species	Human
Immunogen	Recombinant protein of Human Triosephosphate isomerase
Conjugation	Un-conjugated
Alternate Names	EC 5.3.1.1; HEL-S-49; TPID; TPI; TIM; Triosephosphate isomerase; Triose-phosphate isomerase

Application Instructions

Predict Reactivity Note	Rat						
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>ICC/IF</td><td>1:50 - 1:200</td></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	ICC/IF	1:50 - 1:200	WB	1:500 - 1:2000
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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	U251						
Observed Size	~ 27 kDa						

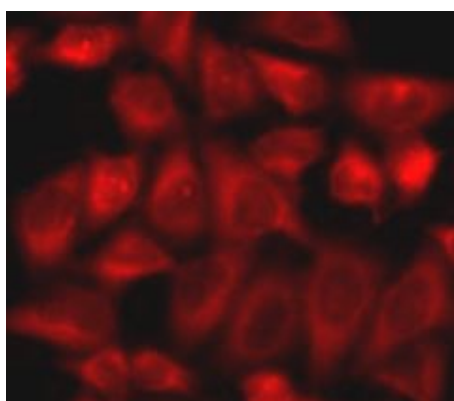
Properties

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.

Bioinformation

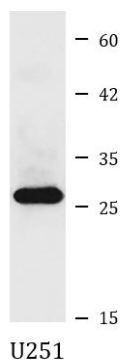
Gene Symbol	TPI1
Gene Full Name	triosephosphate isomerase 1
Background	This gene encodes an enzyme, consisting of two identical proteins, which catalyzes the isomerization of glyceraldehydes 3-phosphate (G3P) and dihydroxy-acetone phosphate (DHAP) in glycolysis and gluconeogenesis. Mutations in this gene are associated with triosephosphate isomerase deficiency. Pseudogenes have been identified on chromosomes 1, 4, 6 and 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Calculated Mw	31 kDa
PTM	The initiator methionine for isoform 2 is removed.

Images



ARG55806 anti-Triosephosphate isomerase antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55806 anti-Triosephosphate isomerase antibody.



ARG55806 anti-Triosephosphate isomerase antibody WB image

Western blot: U251 cell lysate stained with ARG55806 anti-Triosephosphate isomerase antibody.