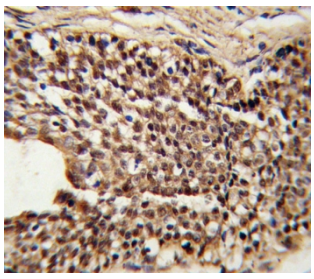
TPI1 Antibody / Triosephosphate isomerase (F54404)

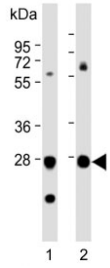
Catalog No.	Formulation	Size
F54404-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54404-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

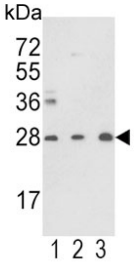
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS precipitation
UniProt	P60174
Localization	Nuclear, cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This TPI1 antibody is available for research use only.



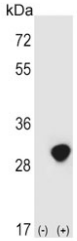
IHC testing of FFPE human prostate carcinoma tissue with TPI1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



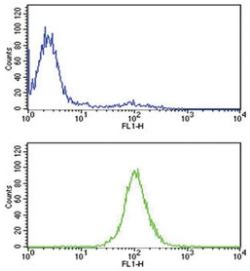
Western blot testing of human 1) A431 and 2) HepG2 cell lysate with TPI1 antibody. Predicted molecular weight: ~26 kDa.



Western blot testing of human 1) Y79, 2) CCRF-CEM and 3) mouse brain lysate with TPI1 antibody. Predicted molecular weight: ~26 kDa.



Western blot testing of 1) non-transfected and 2) transfected HEK293 cell lysate with TPI1 antibody.



Flow cytometry testing of human CCRF-CEM cells with TPI1 antibody; Blue=isotype control, Green= TPI1 antibody.

Description

TPI1 is 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the TPI1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 68-96 from the human protein was used as the immunogen for the TPI1 antibody.

Storage

Aliquot the TPI1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com