

OriGene Technologies, Inc.

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## **OriGene Technologies GmbH**

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## AP21395BT-N Polyclonal Antibody to Triosephosphate isomerase (TPI1) - Biotin

	roryclonar Antibody to moscphosphate isomerase (mm) blotin
Alternate names:	TIM, TPI, Triose-phosphate isomerase
Quantity:	1 ml
Concentration:	10,0 mg/ml
Uniprot ID:	<u>P00939</u>
NCBI:	<u>9986</u>
Host / Isotype:	Sheep / IgG
Immunogen:	Triosephosphate isomerase isolated and purified from rabbit muscle. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	<ul> <li>State: Lyophilized IgG fraction</li> <li>Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography</li> <li>Buffer System: PBS, pH 7.2 without preservatives and foreign proteins</li> <li>Label: Biotin – Marker: N-Hydroxysuccinimidobiotin. Conjugation procedure: A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilised to assure stability and long shelf life <i>Molar Ratio:</i> Biotin/IgG ~7.4</li> <li>Reconstitution: Restore by adding 1.0 ml of sterile distilled water</li> </ul>
Applications:	This product is intended for use in precipitating and non-precipitating antibody- binding assays (such as e.g., ELISA and Western blotting and immunofluorescence or histochemical techniques). <u>Recommende working dilutions:</u> vary widely, but may be between 1/100 and 1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.