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Datasheet for ABIN7120143  
**anti-TKT antibody**

### Overview

Quantity:	100 µg
Target:	TKT
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TKT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

### Product Details

Immunogen:	transketolase
Clone:	4E2
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	TKT
Alternative Name:	Transketolase ( <a href="#">TKT Products</a> )
Background:	Synonyms:TKT, TKT1, Transketolase Background:Transketolase is a key pentose phosphate shunt enzyme that plays an important role in the production of reducing equivalents and

## Target Details

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pentose sugars. Decreased activity of transketolase has been found in patients with Alzheimer's disease and thiamine deficiency. In addition, as an important biocatalyst in stereo-specific carbon-carbon bond synthesis, transketolase has been widely used in industry to produce aromatic products.

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Molecular Weight: 68 kDa

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Gene ID: 7086

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UniProt: [P29401](#)

## Application Details

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Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months