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Datasheet for ABIN7075978

## anti-TKT antibody

13 Images

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | TKT  |
| Reactivity:  | Human, Rat, Mouse  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This TKT antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated Synthetic peptide corresponding to Mouse Transketolase |
| Cross-Reactivity: | Human, Rat  |
| Purification:     | Affinity purification   |

### Target Details

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

## Target Details

|                   |                           |
|-------------------|---------------------------|
| Molecular Weight: | 70 kDa                    |
| Gene ID:          | 21881                     |
| NCBI Accession:   | <a href="#">NP_033414</a> |
| UniProt:          | <a href="#">P40142</a>    |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB (H,M,R) 1: 500-1: 1000, IHC/IF (H,M,R) 1:1000-1:2000/1:500-1:2000 |
| Restrictions:      | For Research Use only  |

## Handling

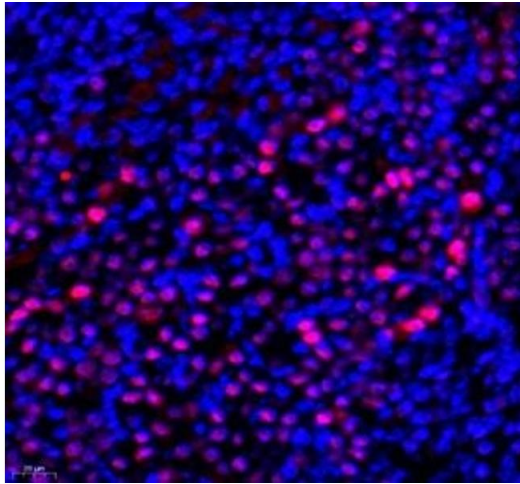
|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS, pH 7.4, 0.02 % sodium azide   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |

## Images

### Western Blotting

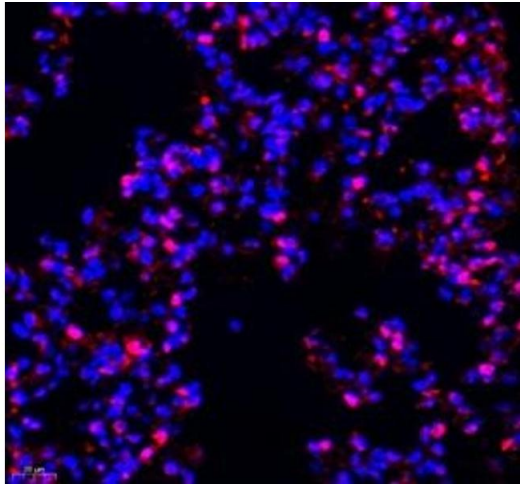
**Image 1.** Western blot analysis of Transketolase (ABIN7075978) at dilution of 1: 500





#### Immunofluorescence (Paraffin-embedded Sections)

**Image 2.** Immunofluorescence of paraffin embedded mouse kidney using Transketolase (ABIN7075978) at dilution of 1: 1100 (400x lens)



#### Immunofluorescence (Paraffin-embedded Sections)

**Image 3.** Immunofluorescence of paraffin embedded mouse lung using Transketolase (ABIN7075978) at dilution of 1: 1100 (400x lens)

Please check the [product details page](#) for more images. Overall 13 images are available for ABIN7075978.