10320 Camino Santa Fe, Suite G
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TKT antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12915

Specification

TKT antibody - N-terminal region - Product Information

Application	**IHC, WB**
Primary Accession	P29401
Other Accession	NM_001064, NP_001055
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Bovine**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**68kDa KDa**

TKT antibody - N-terminal region - Additional Information

Gene ID 7086

Alias Symbol	**FLJ34765, TKT1, TK**

Other Names
Transketolase, TK, 2.2.1.1, TKT

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-TKT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
TKT antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TKT antibody - N-terminal region - Protein Information

Name TKT

Function
Catalyzes the transfer of a two-carbon ketol group from a ketose donor to an aldose acceptor, via a covalent intermediate with the cofactor thiamine pyrophosphate.

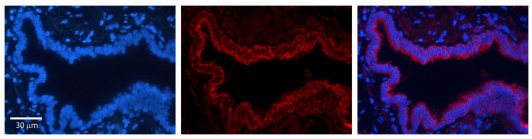
TKT antibody - N-terminal region - Protocols

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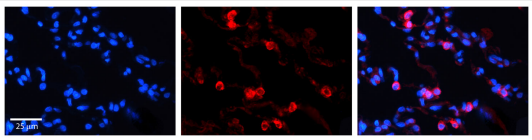
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

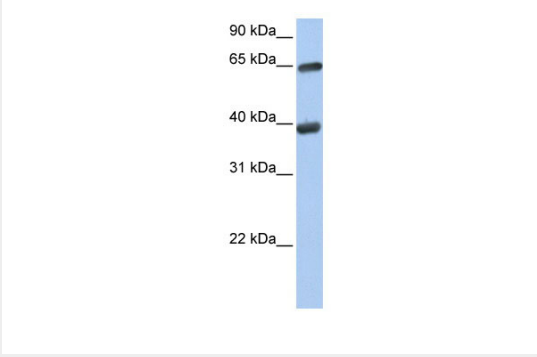
TKT antibody - N-terminal region - Images



TKT antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue Observed Staining: Cytoplasm of bronchial epithelial tissue
Primary Antibody
Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



TKT antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue Observed Staining: Cytoplasm of pneumocytes
Primary Antibody
Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



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WB Suggested Anti-TKT Antibody Titration: 0.2-1 µg/ml
Positive Control: 721_B cell lysate
TKT is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

TKT antibody - N-terminal region - References

Ewing,R.M.,Mol.Syst.Biol.3,89(2007)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.