

Nur für Forschungszwecke

Transketolase Monoklonaler Antikörper



Katalog-Nr.: 66016-1-Ig **1 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 66016-1-Ig	GenBank-Zugangsnummer: BC009970	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2100 µg/ml von 7086 Nanodrop und 1007 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): transketolase	CloneNo.: 3E2F3
Wirt: Maus	Vollständiger Name: transketolase	Empfohlene Verdünnungen: WB 1:2000-1:10000 IF 1:20-1:200
Isotyp: IgG2b	Berechnete Masse: 68 kDa	
Immunogen Katalognummer: AG16779	Beobachtete Masse: 68 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, humanes Hirngewebe, humanes Lebergewebe, Jurkat-Zellen
In Publikationen genannte Anwendungen: WB	IF : HepG2-Zellen,
Getestete Reaktivität: Human	
Zitierte Arten: Human	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yimin Sun	36366731	Cancer Med	WB

Lagerung

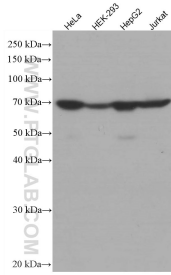
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

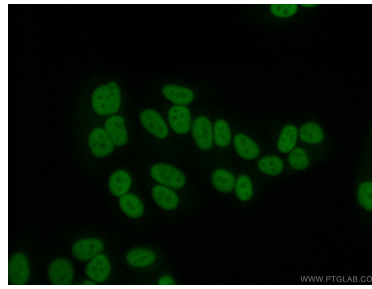
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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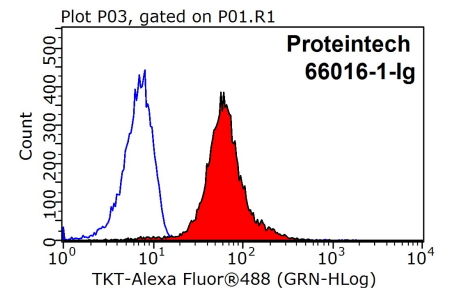
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 66016-1-Ig (Transketolase antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 66016-1-Ig(Transketolase antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were stained with 0.2ug Transketolase antibody (66016-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.