

Nur für Forschungszwecke

FASTKD2 Polyklonaler Antikörper

Katalog-Nr.:17464-1-AP

Vorgestelltes Produkt

17 Publikationen



Allgemeine Informationen

Katalog-Nr.:

17464-1-AP

Größe:

150ul, Konzentration: 800 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG11314

GenBank-Zugangsnummer:

BC001544

GeneID (NCBI):

22868

Vollständiger Name:

FAST kinase domains 2

Berechnete Masse:

710 aa, 81 kDa

Beobachtete Masse:

55-65 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:200-1:1000

für WB

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Zebrafisch

Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, K-562-Zellen

IP : Mausherzgewebe,

IF : COS7-Zellen, U2OS-Zellen

Hintergrundinformationen

FASTKD2 encodes a FAS-activated serine-threonine (FAST) kinase domain 2 which locates in the mitochondrial inner compartment. FASTKD2 is a member of the human FASTK protein family, formed by six architecturally related proteins named FASTK and FASTKD1-5 that localize to mitochondria. The predicted MW of FASTKD2 is 81 kDa, yet the western blot of FASTKD2 revealed a band of ~60 kDa. (PMID: 26370583, PMID: 26990993, PMID: 25683715)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Timo Rey	32989247	Nat Cell Biol	IF, WB
Jason D Arroyo	27667664	Cell Metab	WB
Christopher Lowden	34525369	Cell Rep	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

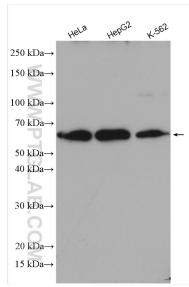
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

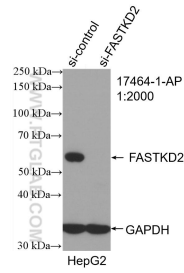
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

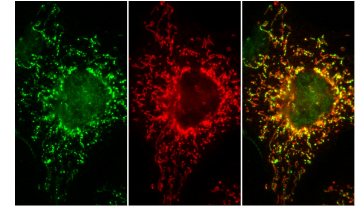
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 17464-1-AP (FASTKD2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

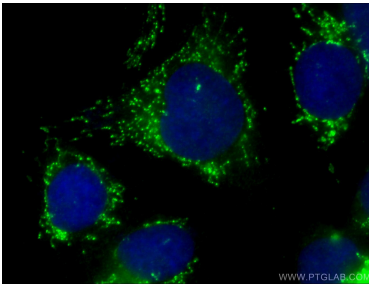


WB result of FASTKD2 antibody (17464-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FASTKD2 transfected HepG2 cells.

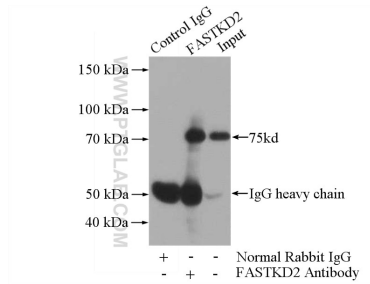


Endogenous protein in COS7 cells detected with 17464-1-AP FAST KD2 and counterstained with human anti-mitochondrial antibody (immunovision). Cells were fixed with paraformaldehyde and permeabilized with -20 methanol; similar results were obtained using detergent permeabilization following paraformaldehyde fixation.

IF result of anti-FASTKD2 (17464-1-AP) with COS7 cells.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 17464-1-AP (FASTKD2 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-FASTKD2 (IP:17464-1-AP, 4ug; Detection:17464-1-AP 1:300) with mouse heart tissue lysate 4000ug.