

Allgemeine Informationen

Katalog-Nr.: 81377-1-RR	GenBank-Zugangsnummer: BC014224	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 250 µg/ml von Nanodrop;	GeneID (NCBI): 1915	CloneNo.: 2B16
Wirt: Kaninchen	Vollständiger Name: eukaryotic translation elongation factor 1 alpha 1	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:250-1:1000 IF 1:200-1:800
Isotyp: IgG	Berechnete Masse: 462 aa, 50 kDa	
Immunogen Katalognummer: AG1938	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen

IHC: Mäusirngewebe, humanes Pankreaskarzinomgewebe

IF: HepG2-Zellen,

Hintergrundinformationen

EEF1A1, also named as EEF1A, EF1A and LENG7, belongs to the GTP-binding elongation factor family. This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. It is a typical housekeeping gene product required for the maintenance of cell proliferation and/or survival. In addition, EEF1A1 protects the aminoester bond against hydrolysis until a correct match between the codon on mRNA and the anti-codon on tRNA can be achieved.

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

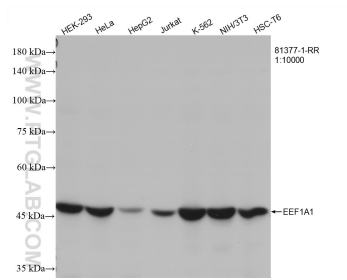
For technical support and original validation data for this product please contact:

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

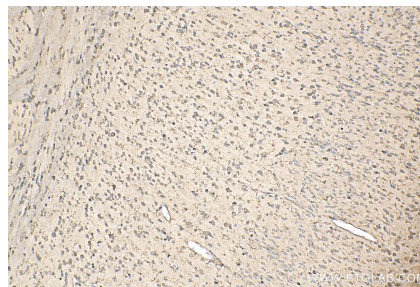
E: proteintech@ptglab.com
W: ptglab.com

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

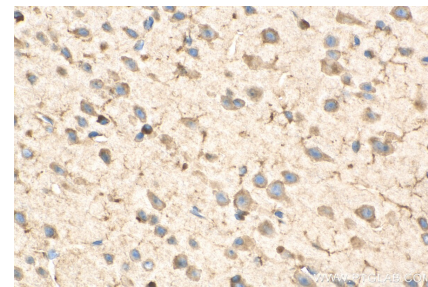
Ausgewählte Validierungsdaten



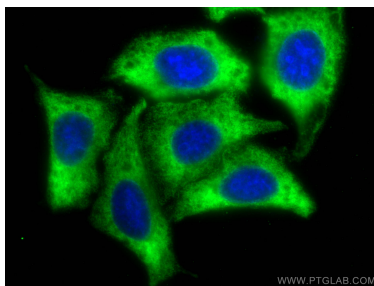
Various lysates were subjected to SDS PAGE followed by western blot with 81377-1-RR (EEF1A1 antibody) at dilution of 1:12000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 81377-1-RR (EEF1A1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 81377-1-RR (EEF1A1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using EEF1A1 antibody (81377-1-RR, Clone: 2B16) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).