

À des fins de recherche uniquement

Anticorps Monoclonal anti-eRF3a/GSPT1



Numéro de catalogue: 68217-1-Ig

Informations de base

Numéro de catalogue:	68217-1-Ig	Numéro d'acquisition GenBank:	BC009503	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	2935	CloneNo.:	2A3H6
Hôte:	Mouse	Nom complet:	G1 to S phase transition 1	Dilutions recommandées:	WB 1:5000-1:50000
Isotype:	IgG2a	MW calculé:	68 aa, 4 kDa		
Immunogen Catalog Number:	AG27986	MW observés:	80-85 kDa		

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain, porc, rat, souris

Contrôles positifs:
WB : cellules HCT 116, cellules COLO 320, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules LNCaP, cellules NIH/3T3, tissu cérébral de porc

Informations générales

The eukaryotic Release Factor 3 (eRF3) is a GTPase that associates with eRF1 in a complex that mediates translation termination. Eukaryotic release factor 3 (eRF3) has many functions in eukaryotic cells, such as controlling the regulation of the cell cycle at the G1 to S phase transition, and regulating protein synthesis as a GTP dependent stimulator of eRF1 in translation termination. It was also reported to play a key role as an initiator of the mRNA degradation machinery in the recycling of ribosomes in successive cycles of translation, and probably also in transcription regulation. eRF3a, also known as GSPT1, is one subunit of eRF3 (PMID:15917414,12923185). It involves in translation termination in response to the termination codons UAA, UAG and UGA and stimulates the activity of eRF1. eRF3a/GSPT1 exists some isoforms with MV 69 kDa and 56 kDa. Identification of a processed form of eRF3a/GSPT1 as a BIR3-binding protein-Using a GST-BIR3 fusion protein as an affinity reagent to purify new IAP binding proteins from extracts of human cells and mouse tissues, we previously isolated 3 proteins of molecular weights 23, 38 and 80 kDa. 80 kDa band confirmed that it is a processed form of the human GSPT1/eRF3a protein, lacking the first 69 residues (PMID: 12865429).

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

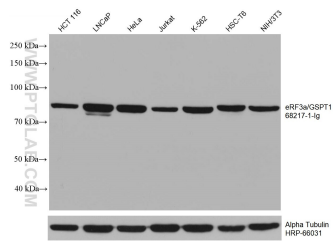
l'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de 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)
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68217-1-Ig (eRF3a/GSPT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.