

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-eRF3a/GSPT1



Numéro de catalogue: 28130-1-AP

Informations de base

Numéro de catalogue:	28130-1-AP	Numéro d'acquisition GenBank:	BC009503	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	150ul, Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI):	2935	Dilutions recommandées:	WB 1:1000-1:4000 IF 1:200-1:800
Hôte:	Lapin	Nom complet:	G1 to S phase transition 1		
Isotype:	IgG	MW calculé	68 aa, 4 kDa		
Immunogen Catalog Number:	AG27963	MW observés:	80 kDa		

Applications

Applications testées:	IF, WB, ELISA	Contrôles positifs:	WB : cellules A549, cellules HeLa, cellules PC-3, cellules SKOV-3
Spécificité de l'espèce:	Humain, rat, souris	IF : cellules HeLa,	

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

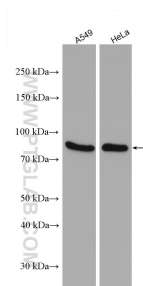
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

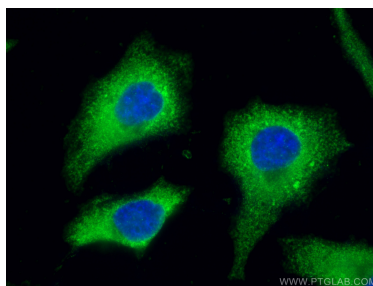
For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



A549 cells were subjected to SDS PAGE followed by western blot with 28130-1-AP (eRF3a/GSPT1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using eRF3a/GSPT1 antibody (28130-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).