



eRF3a Polyclonal Antibody

Catalog No	YP-Ab-01702
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	GSPT1
Immunogen	The antiserum was produced against synthesized peptide derived from human GSPT1. AA range:101-150
Specificity	eRF3a Polyclonal Antibody detects endogenous levels of eRF3a protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	eRF3a;GSPT1;EC:3.6.5.-;ETF3A;Eukaryotic peptide chain release factor GTP-binding subunit ERF3A;Eukaryotic peptide chain release factor subunit 3a;G1 to S phase transition protein 1 homolog
Observed Band	55kD
Calculated Molecular Weight	55kD
Cell Pathway	intracellular,cytosol,translation release factor complex,
Tissue Specificity	Lung,Testis,
Function	function:Involved in translation termination in response to the termination codons UAA, UAG and UGA. Stimulates the activity of ERF1. Involved in regulation of mammalian cell growth.,similarity:Belongs to the GTP-binding elongation factor family. ERF3 subfamily.,subunit:Component of the mRNA surveillance SURF complex, at least composed of ERF1, ERF3 (ERF3A or ERF3B), EEF2, UPF1/ RENT1, SMG1, SMG8 and SMG9.,
Background	function:Involved in translation termination in response to the termination codons UAA, UAG and UGA. Stimulates the activity of ERF1. Involved in regulation of mammalian cell growth.,similarity:Belongs to the GTP-binding elongation factor



family. ERF3 subfamily.,subunit:Component of the mRNA surveillance SURF complex, at least composed of ERF1, ERF3 (ERF3A or ERF3B), EEF2, UPF1/ RENT1, SMG1, SMG8 and SMG9.,

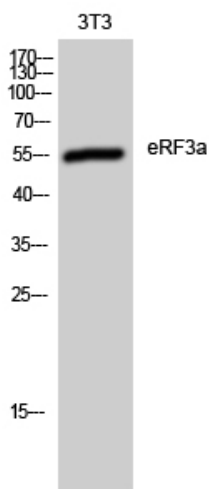
matters needing attention

Avoid repeated freezing and thawing!

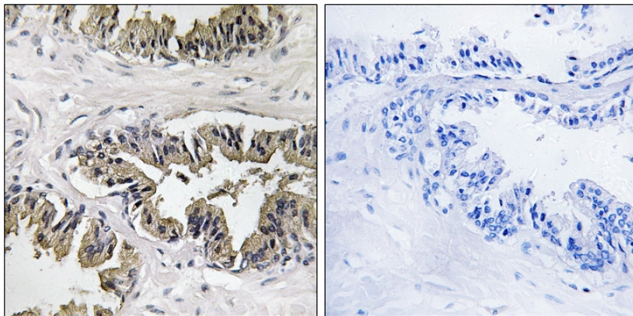
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of 3T3 cells using eRF3a Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using GSPT1 Antibody. The picture on the right is blocked with the synthesized peptide.