

ARG63405 anti-4E-T / EIF4ENIF1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes 4E-T / EIF4ENIF1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform 1 (NP_062817.2) and isoform b (NP_001157974.1). Reported variants represent identical protein (NP_062817.2; NP_001157973.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	4E-T / EIF4ENIF1
Species	Human
Immunogen	C-AKVISVDELEYRQ
Conjugation	Un-conjugated
Alternate Names	4E-T; Eukaryotic translation initiation factor 4E nuclear import factor 1; Eukaryotic translation initiation factor 4E transporter; eIF4E transporter; Clast4

Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
	WB	0.25 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

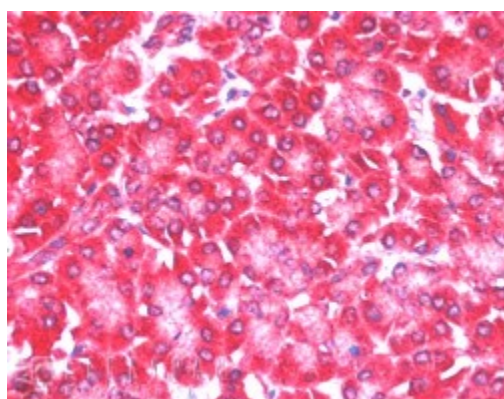
Database links	GeneID: 56478 Human Swiss-port # Q9NRA8 Human
Background	The protein encoded by this gene is a nucleocytoplasmic shuttle protein for the translation initiation factor eIF4E. This shuttle protein interacts with the importin alpha-beta complex to mediate nuclear import of eIF4E. It is predominantly cytoplasmic; its own nuclear import is regulated by a nuclear localization signal and nuclear export signals. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]
Research Area	Gene Regulation antibody
Calculated Mw	108 kDa

Images



ARG63405 anti-4E-T / EIF4ENIF1 antibody WB image

Western Blot: 293 lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63405 anti-4E-T / EIF4ENIF1 antibody at 0.25 µg/ml dilution.



ARG63405 anti-4E-T / EIF4ENIF1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Pancreas. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63405 anti-4E-T / EIF4ENIF1 antibody at 5 µg/ml dilution followed by AP-staining.