

ARG58655 anti-eIF1AX antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes eIF1AX
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	eIF1AX
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 10-144 of Human eIF1AX (NP_001403.1).
Conjugation	Un-conjugated
Alternate Names	eIF-1A; EIF1A; Eukaryotic translation initiation factor 1A, X-chromosomal; Eukaryotic translation initiation factor 4C; eIF-4C; eIF-1A X isoform; EIF1AP1; EIF4C

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:200 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NCI-H460	
Observed Size	16 kDa	

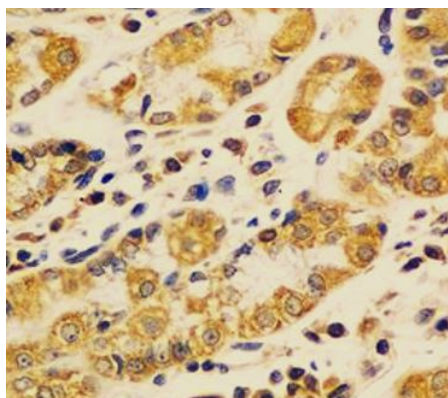
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

Bioinformation

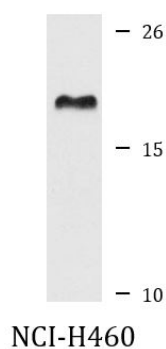
Gene Symbol	EIF1AX
Gene Full Name	eukaryotic translation initiation factor 1A, X-linked
Background	This gene encodes an essential eukaryotic translation initiation factor. The protein is required for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNA ⁱ and eIF3) to the 5' end of capped RNA. [provided by RefSeq, Jul 2008]
Function	Seems to be required for maximal rate of protein biosynthesis. Enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits. [UniProt]
Calculated Mw	16 kDa

Images



ARG58655 anti-eIF1AX antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG58655 anti-eIF1AX antibody at 1:100 dilution.



ARG58655 anti-eIF1AX antibody WB image

Western blot: 25 µg of NCI-H460 cell lysate stained with ARG58655 anti-eIF1AX antibody at 1:1000 dilution.