

ARG45234 anti-EIF3A antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes EIF3A
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	EIF3A
Species	Human
Immunogen	Recombinant protein containing to human EIF3A.
Conjugation	Un-conjugated
Alternate Names	EIF3A; Eukaryotic Translation Initiation Factor 3 Subunit A; EIF3-Theta; EIF3-P170; KIAA0139; EIF3S10; TIF32; Eukaryotic Translation Initiation Factor 3, Subunit 10 Theta, 150/170kDa; Eukaryotic Translation Initiation Factor 3 Subunit 10; EIF-3-Theta; EIF3 P167; EIF3 P180; EIF3 P185; EIF3; Eukaryotic Translation Initiation Factor 3, Subunit 10 (Theta, 150/170kD); Eukaryotic Translation Initiation Factor 3, Subunit 10 (Theta, 170kD); Eukaryotic Translation Initiation Factor 3, Subunit 10, 170kD; Eukaryotic Translation Initiation Factor 3, Subunit A; Cytoplasmic Protein P167 ; Centrosomin Homolog; EIF3, P180 Subunit; EIF3a; P167; P180; P185

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	180 kDa	

Properties

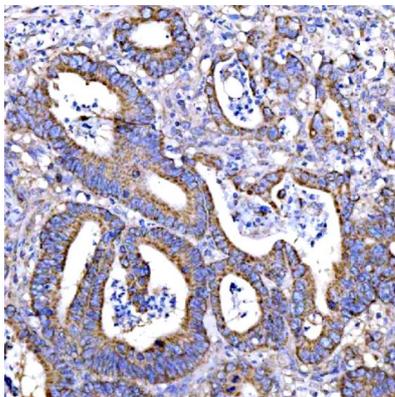
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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

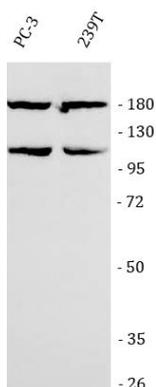
Gene Symbol	EIF3A
Gene Full Name	Eukaryotic Translation Initiation Factor 3 Subunit A
Background	Enables RNA binding activity. Contributes to translation initiation factor activity. Involved in IRES-dependent viral translational initiation; formation of cytoplasmic translation initiation complex; and viral translational termination-reinitiation. Located in cytosol; nucleolus; and nucleoplasm. Part of eukaryotic translation initiation factor 3 complex. [provided by Alliance of Genome Resources, Nov 2024]
Function	RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. [UniProt]
Calculated Mw	167 kDa
PTM	Acetylation ; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



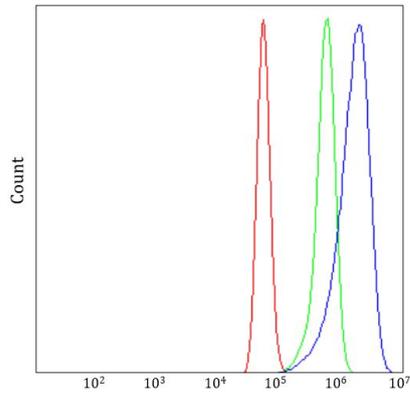
ARG45234 anti-EIF3A antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG45234 anti-EIF3A antibody at 2 µg/ml dilution.



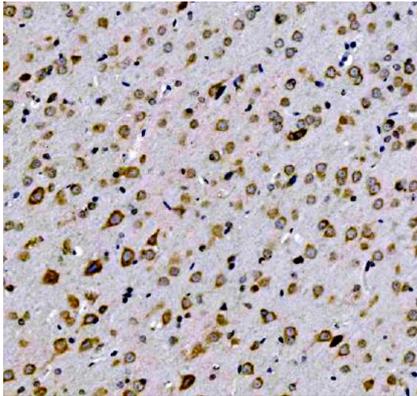
ARG45234 anti-EIF3A antibody WB image

Western blot: PC-3 and 293T stained with ARG45234 anti-EIF3A antibody at 0.5 µg/ml dilution.



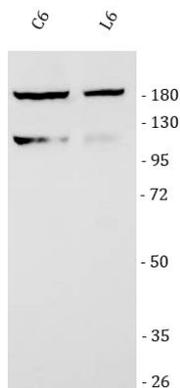
ARG45234 anti-EIF3A antibody FACS image

Flow Cytometry: U87 stained with ARG45234 anti-EIF3A antibody at 1 µg/10⁶ cells dilution.



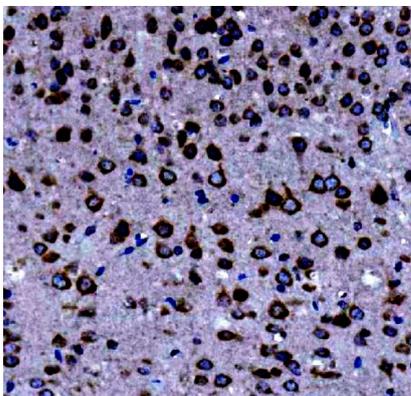
ARG45234 anti-EIF3A antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45234 anti-EIF3A antibody at 2 µg/ml dilution.



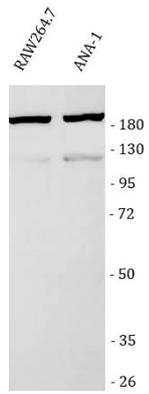
ARG45234 anti-EIF3A antibody WB image

Western blot: C₆ and L₆ stained with ARG45234 anti-EIF3A antibody at 0.5 µg/ml dilution.



ARG45234 anti-EIF3A antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45234 anti-EIF3A antibody at 2 µg/ml dilution.



ARG45234 anti-EIF3A antibody WB image

Western blot: RAW264.7 and ANA-1 stained with ARG45234 anti-EIF3A antibody at 0.5 $\mu\text{g/ml}$ dilution.