

ARG45147 anti-AEBP2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AEBP2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	AEBP2
Species	Human
Immunogen	Recombinant protein containing to human AEBP2.
Conjugation	Un-conjugated
Alternate Names	Zinc finger protein AEBP2; Adipocyte enhancer-binding protein 2; AE-binding protein 2; AEBP2; MGC17922

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	2 µg/ml
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	54 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	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

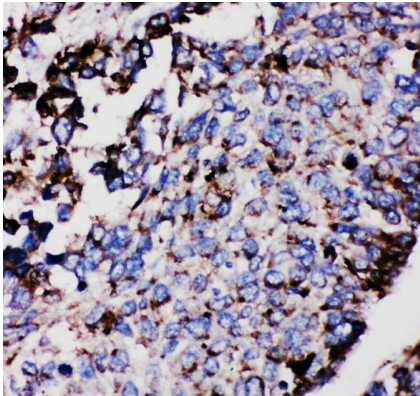
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

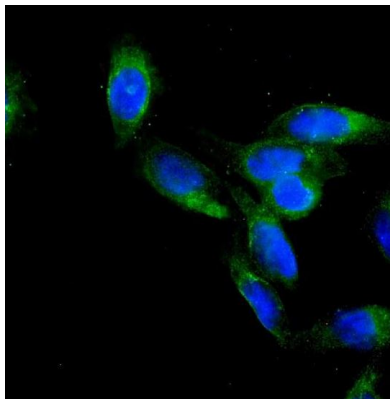
Gene Symbol	AEBP2
Gene Full Name	AE Binding Protein 2
Background	Predicted to enable DNA binding activity; metal ion binding activity; and transcription coregulator activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Predicted to act upstream of or within regulation of DNA-templated transcription. Located in nucleoplasm. Part of ESC/E(Z) complex. [provided by Alliance of Genome Resources, Nov 2024]
Function	Acts as an accessory subunit for the core Polycomb repressive complex 2 (PRC2), which mediates histone H3K27 (H3K27me3) trimethylation on chromatin leading to transcriptional repression of the affected target gene. [UniProt]
Calculated Mw	54 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



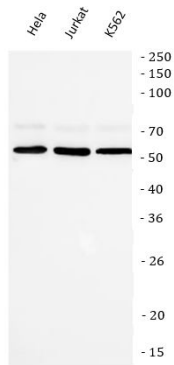
ARG45147 anti-AEBP2 antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45147 anti-AEBP2 antibody at 1 µg/ml dilution.



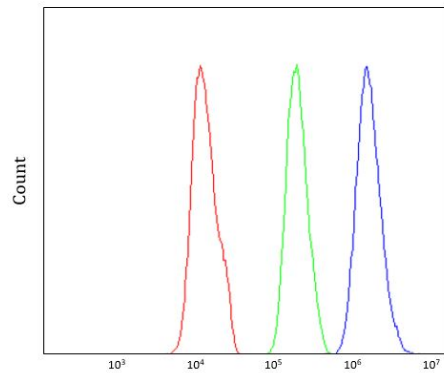
ARG45147 anti-AEBP2 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45147 anti-AEBP2 antibody at 2 ug/ml dilution.



ARG45147 anti-AEBP2 antibody WB image

Western blot: HeLa, Jurkat, and K562 stained with ARG45147 anti-AEBP2 antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45147 anti-AEBP2 antibody FACS image

Flow Cytometry: SiHa stained with ARG45147 anti-AEBP2 antibody at 1 $\mu\text{g}/10^6$ cells dilution.