

ARG45788 anti-IRF2BP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IRF2BP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IRF2BP1
Species	Human
Immunogen	Recombinant protein containing to human IRF2BP1.
Conjugation	Un-conjugated
Alternate Names	IRF2BP1; Interferon Regulatory Factor 2 Binding Protein 1; IRF-2BP1; Probable RING-Type E3 Ubiquitin Transferase IRF2BP1; Interferon Regulatory Factor 2-Binding Protein 1; Probable E3 Ubiquitin-Protein Ligase IRF2BP1; IRF-2-Binding Protein 1; DKFZP434M154; EC 2.3.2.27

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	IP	0.5-2 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	72 kDa	

Properties

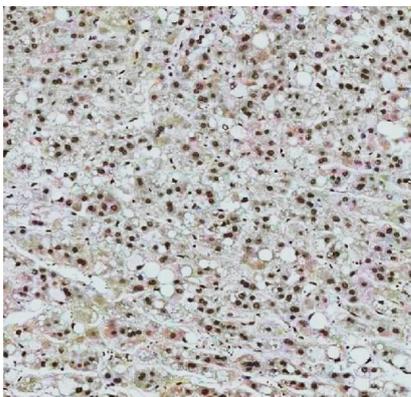
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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

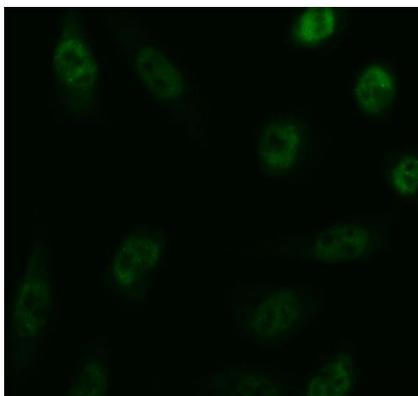
Gene Symbol	IRF2BP1
Gene Full Name	Interferon Regulatory Factor 2 Binding Protein 1
Background	Enables transcription corepressor activity and ubiquitin protein ligase activity. Involved in protein polyubiquitination. Acts upstream of or within negative regulation of transcription by RNA polymerase II. Located in nucleoplasm. [provided by Alliance of Genome Resources, Feb 2025]
Function	Acts as a transcriptional corepressor in a IRF2-dependent manner; this repression is not mediated by histone deacetylase activities. May act as an E3 ligase towards JDP2, enhancing its polyubiquitination. Represses ATF2-dependent transcriptional activation. [UniProt]
Calculated Mw	62 kDa
PTM	Isopeptide bond; Methylation; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



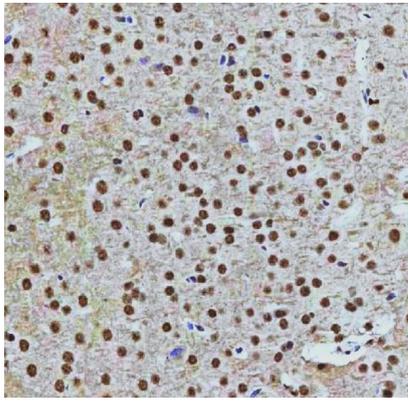
ARG45788 anti-IRF2BP1 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45788 anti-IRF2BP1 antibody at 2 µg/ml dilution.



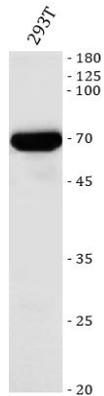
ARG45788 anti-IRF2BP1 antibody ICC/IF image

Immunofluorescence: TPC1 stained with ARG45788 anti-IRF2BP1 antibody at 5 µg/ml dilution.



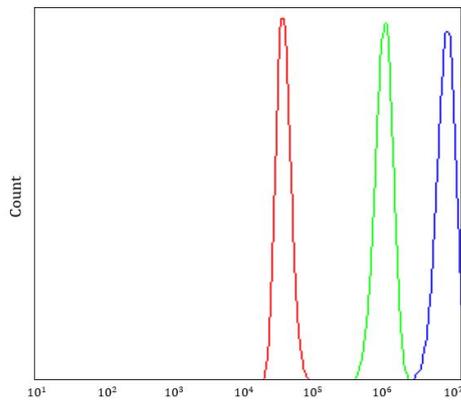
ARG45788 anti-IRF2BP1 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45788 anti-IRF2BP1 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



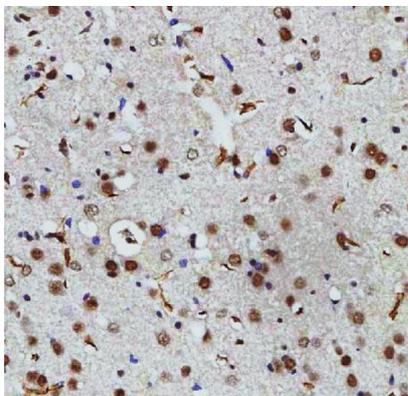
ARG45788 anti-IRF2BP1 antibody WB image

Western blot: 293T stained with ARG45788 anti-IRF2BP1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



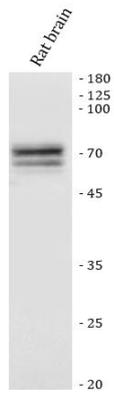
ARG45788 anti-IRF2BP1 antibody FACS image

Flow Cytometry: HEL stained with ARG45788 anti-IRF2BP1 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



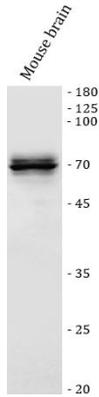
ARG45788 anti-IRF2BP1 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45788 anti-IRF2BP1 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



ARG45788 anti-IRF2BP1 antibody WB image

Western blot: Rat brain stained with ARG45788 anti-IRF2BP1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45788 anti-IRF2BP1 antibody WB image

Western blot: Mouse brain stained with ARG45788 anti-IRF2BP1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.