

ARG45500 anti-BRD2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BRD2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Specificity	BRD2
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BRD2
Species	Human
Immunogen	Recombinant protein containing to human BRD2.
Conjugation	Un-conjugated
Alternate Names	O27.1.1.1; FSH; RING3; D6S113E; FSRG1; Really interesting new gene 3 protein; NAT; Bromodomain-containing protein 2; RNF3

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	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	110 kDa	

Properties

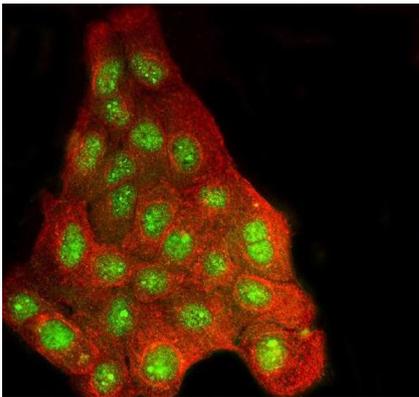
Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage 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

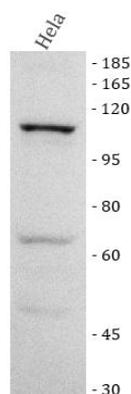
Gene Symbol	BRD2
Gene Full Name	bromodomain containing 2
Background	BRD2 (bromodomain-containing 2) is a nuclear mitogen-activated kinase that plays a role in transcription of cell-cycle-regulated genes by functioning as an adapter protein that recruits E2F and chromatin remodeling factors to E2F response elements.
Function	May play a role in spermatogenesis or folliculogenesis (By similarity). Binds hyperacetylated chromatin and plays a role in the regulation of transcription, probably by chromatin remodeling. Regulates transcription of the CCND1 gene. Plays a role in nucleosome assembly. [UniProt]
Calculated Mw	88 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Chromosome; Nucleus. [UniProt]

Images



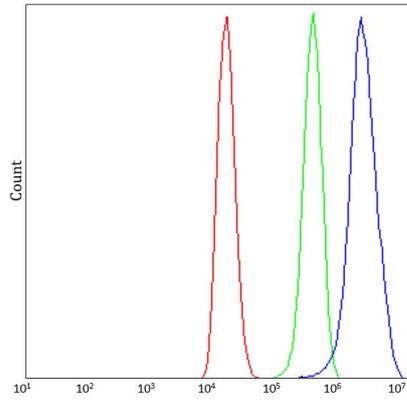
ARG45500 anti-BRD2 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45500 anti-BRD2 antibody at 5 µg/ml dilution.



ARG45500 anti-BRD2 antibody WB image

Western blot: HeLa stained with ARG45500 anti-BRD2 antibody at 0.5 µg/ml dilution.



ARG45500 anti-BRD2 antibody FACS image

Flow Cytometry: 293T stained with ARG45500 anti-BRD2 antibody at $1 \mu\text{g}/10^6$ cells dilution.