

ARG58094 anti-DHRS2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DHRS2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DHRS2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-300 of Human DHRS2 (NP_878912.1).
Conjugation	Un-conjugated
Alternate Names	HEP27; Protein D; Dicarbonyl reductase HEP27; EC 1.1.1.-; Dehydrogenase/reductase SDR family member 2, mitochondrial; SDR25C1; Short chain dehydrogenase/reductase family 25C member 1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:10 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	
Observed Size	~ 33 kDa	

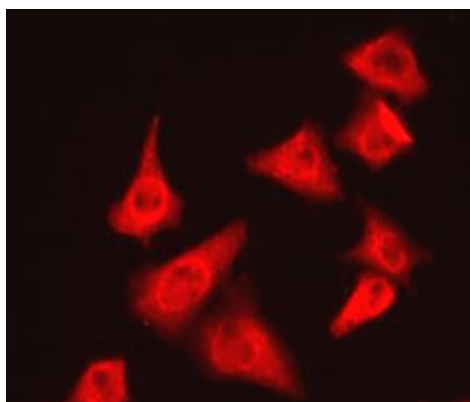
Properties

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

Bioinformation

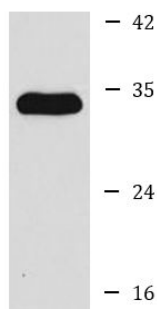
Gene Symbol	DHRS2
Gene Full Name	dehydrogenase/reductase (SDR family) member 2
Function	Displays NADPH-dependent dicarbonyl reductase activity in vitro with 3,4-Hexanedione, 2,3-Heptanedione and 1-Phenyl-1,2-propanedione as substrates. No reductase activity is displayed in vitro with steroids, retinoids and sugars as substrates. Attenuates MDM2-mediated p53/TP53 degradation, leading to p53/TP53 stabilization and increased transcription activity, resulting in the accumulation of MDM2 and CDKN1A/p21. [UniProt]
Calculated Mw	30 kDa
Cellular Localization	Mitochondrion matrix, Nucleus. [UniProt]

Images



ARG58094 anti-DHRS2 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG58094 anti-DHRS2 antibody.



MCF7

ARG58094 anti-DHRS2 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG58094 anti-DHRS2 antibody at 1:1000 dilution.