ARG58147
anti-Stathmin 1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Stathmin 1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Stathmin 1
Species	Human
Immunogen	Synthetic peptide derived from Human Stathmin 1.
Conjugation	Un-conjugated
Alternate Names	EC 1.1.1.n12; Multifunctional protein 2; Peroxisomal multifunctional enzyme type 2; SDR8C1; EC 4.2.1.107; 17-beta-HSD 4; 3R; MFE-2; PRLTS1; 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholest-24-enoyl-CoA hydratase; Short chain dehydrogenase/reductase family 8C member 1; 17-beta-hydroxysteroid dehydrogenase 4; DBP; MPF-2; EC 4.2.1.119; D-bifunctional protein

Application Instructions

Application table

Application	Dilution
FACS	
ICC/IF	1:50 - 1:100
IHC-P	1:50 - 1:100
IP	1:50
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: PC-12

Properties

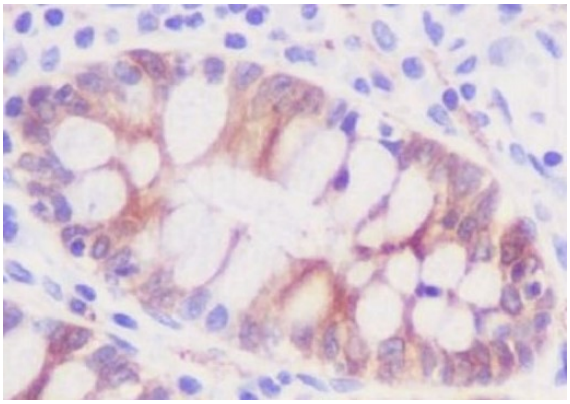
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol

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

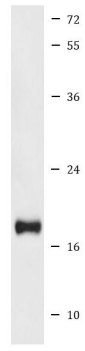
Gene Symbol	HSD17B4
Gene Full Name	hydroxysteroid (17-beta) dehydrogenase 4
Background	The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene that affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]
Function	Bifunctional enzyme acting on the peroxisomal beta-oxidation pathway for fatty acids. Catalyzes the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. [UniProt]
Calculated Mw	80 kDa
Cellular Localization	Cytoplasm > Cytoskeleton. [UniProt]

Images



ARG58147 anti-Stathmin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon stained with ARG58147 anti-Stathmin 1 antibody.



ARG58147 anti-Stathmin 1 antibody WB image

Western blot: PC-12 cell lysate stained with ARG58147 anti-Stathmin 1 antibody.