# 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

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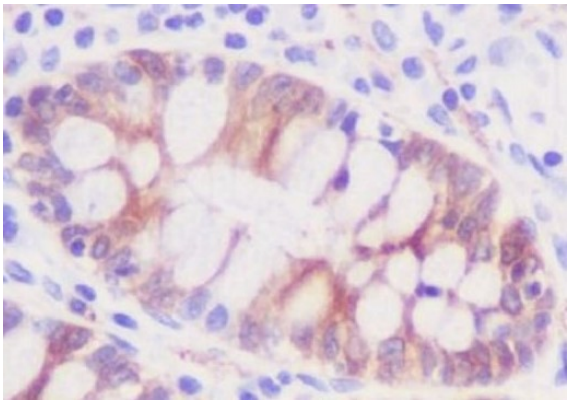
|---|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |

| | |
|---|---|
| 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

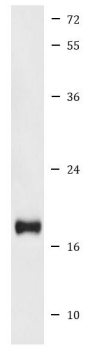
| | |
|---|---|
| Gene Symbol | HSD17B4 |
| Gene Full Name | hydroxysteroid (17-beta) dehydrogenase 4 |
| Background | The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 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.