

ARG45517 anti-GAREM1 antibody

Package: 50 µg
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes GAREM1 |
| Tested Reactivity | Hu |
| Tested Application | FACS, IHC-P, WB |
| Specificity | GAREM1 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | GAREM1 |
| Species | Human |
| Immunogen | Recombinant protein containing to human GAREM1. |
| Conjugation | Un-conjugated |
| Alternate Names | GAREM1; GRB2 Associated Regulator Of MAPK1 Subtype 1; C18orf11; FAM59A; GAREM; GRB2-Associated And Regulator Of MAPK Protein 1; Family With Sequence Similarity 59, Member A; Grb2-Associated And Regulator Of Erk/MAPK; GRB2-Associated And Regulator Of MAPK1; GRB2 Associated, Regulator Of MAPK1; FLJ21610; GRB2 Associated Regulator Of MAPK1 1; Chromosome 18 Open Reading Frame 11; Protein FAM59A; Gm944 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|------------------|--|
| | FACS | 1 - 3 µg/10 ⁶ cells |
| | IHC-P | 2-5 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. |

Properties

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

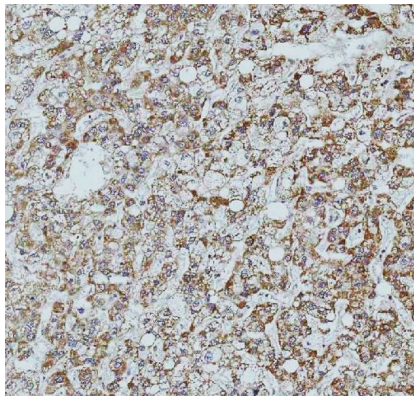
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

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

Bioinformation

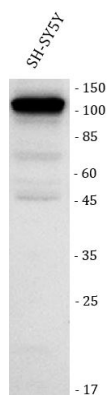
| | |
|-----------------------|---|
| Gene Symbol | GAREM1 |
| Gene Full Name | GRB2 Associated Regulator Of MAPK1 Subtype 1 |
| Background | This gene encodes an adaptor protein which functions in the epidermal growth factor (EGF) receptor-mediated signaling pathway. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011] |
| Function | [Isoform 1]: Acts as an adapter protein that plays a role in intracellular signaling cascades triggered either by the cell surface activated epidermal growth factor receptor and/or cytoplasmic protein tyrosine kinases. Promotes activation of the MAPK/ERK signaling pathway. Plays a role in the regulation of cell proliferation. [UniProt] |
| Calculated Mw | 97 kDa |
| PTM | Phosphoprotein. [UniProt] |
| Cellular Localization | Plasma membrane. [UniProt] |

Images



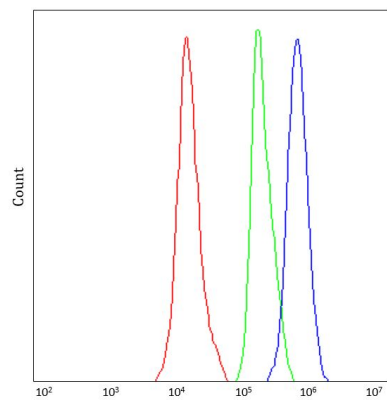
ARG45517 anti-GAREM1 antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG45517 anti-GAREM1 antibody at 2 µg/ml dilution.



ARG45517 anti-GAREM1 antibody WB image

Western blot: SH-SY5Y stained with ARG45517 anti-GAREM1 antibody at 0.5 µg/ml dilution.



ARG45517 anti-GAREM1 antibody FACS image

Flow Cytometry: SH-SY5Y stained with ARG45517 anti-GAREM1 antibody at $1 \mu\text{g}/10^6$ cells dilution.