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Datasheet for ABIN391469

anti-HOMER1 antibody (N-Term)

3 Images

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | HOMER1 |
| Binding Specificity: | AA 96-122, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HOMER1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------|---|
| Immunogen: | This HOMER1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-122 amino acids from the N-terminal region of human HOMER1. |
| Clone: | RB18229 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B, M, Rat |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

Target Details

| | |
|---------|--------|
| Target: | HOMER1 |
|---------|--------|

Target Details

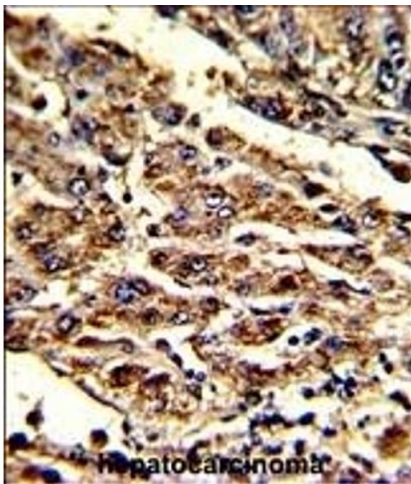
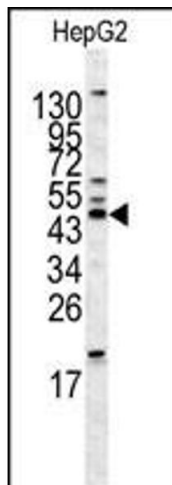
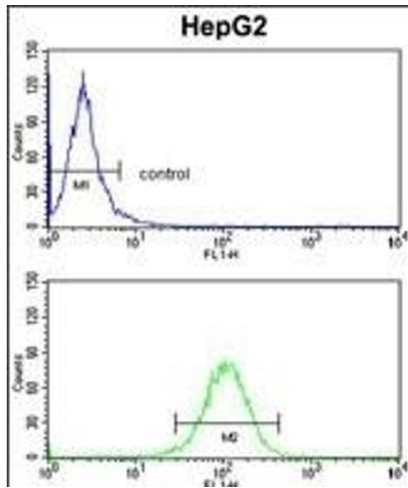
| | |
|-------------------|---|
| Alternative Name: | HOMER1 (HOMER1 Products) |
| Background: | HOMER1 is a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. |
| Molecular Weight: | 40277 |
| Gene ID: | 9456 |
| NCBI Accession: | NP_001264006 , NP_001264007 , NP_004263 |
| UniProt: | Q86YM7 |
| Pathways: | Skeletal Muscle Fiber Development |

Application Details

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| Application Notes: | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



Flow Cytometry

Image 1. HOMER1 Antibody (N-term) (ABIN391469 and ABIN2841440) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of HOMER1 antibody (N-term) (ABIN391469 and ABIN2841440) in HepG2 cell line lysates (35 µg/lane). HOMER1 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human hepatocarcinoma with HOMER1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.