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Datasheet for ABIN878108

anti-HOMER3 antibody (pThr36) (Alexa Fluor 350)

Overview

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| Quantity: | 100 µL |
| Target: | HOMER3 |
| Binding Specificity: | pThr36 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HOMER3 antibody is conjugated to Alexa Fluor 350 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic phosphopeptide derived from human HOMER3 around the phosphorylation site of Thr36 [AL(p-T)VS] |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Chicken |
| Purification: | Purified by Protein A. |

Target Details

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|---------|--------|
| Target: | HOMER3 |
|---------|--------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | HOMER3 (HOMER3 Products) |
| Background: | <p>Synonyms: VESL3, HOMER-3, Homer protein homolog 3, HOMER3</p> <p>Background: Postsynaptic density scaffolding protein. Binds and cross-links cytoplasmic regions of GRM1, GRM5, ITPR1, DNM3, RYR1, RYR2, SHANK1 and SHANK3. By physically linking GRM1 and GRM5 with ER-associated ITPR1 receptors, it aids the coupling of surface receptors to intracellular calcium release. Isoforms can be differently regulated and may play an important role in maintaining the plasticity at glutamatergic synapses.</p> |
| Gene ID: | 9454 |
| UniProt: | Q9NSC5 |

Application Details

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| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |