

CAB22201

Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| Product SKU: | CAB22201 | Gene ID: | 1843 | Size: | 20uL, 100uL |
| Clone No: | ARC56245 | Host Species: | Rabbit | Reactivity: | Human |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 39kDa | Conjugate: | Unconjugated |
| Calculated MW: | 39kDa | Isotype: | IgG |

Immunogen Information

Background: The protein encoded by this gene is a phosphatase with dual specificity for tyrosine and threonine. The encoded protein can dephosphorylate MAP kinase MAPK1/ERK2, which results in its involvement in several cellular processes. This protein appears to play an important role in the human cellular response to environmental stress as well as in the negative regulation of cellular proliferation. Finally, the encoded protein can make some solid tumors resistant to both chemotherapy and radiotherapy, making it a target for cancer therapy.

Recommended Dilution: WB, 1:1000 - 1:5000

Synonyms: HVH1; MKP1; CL100; MKP-1; PTPN10; DUSP1/MKP1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 100-200 of human DUSP1/MKP1 (NP_004408.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.

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