

## **DUSP13 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55581

## **Product Information**

**Application** IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat
Host
Clonality
Polyclonal
Calculated MW
20658

## **Additional Information**

**Gene ID** 128854680;51207

**Other Names** Dual specificity protein phosphatase 13 isoform A, DUSP13A, 3.1.3.16,

3.1.3.48, Branching-enzyme interacting DSP, Muscle-restricted DSP, MDSP,

DUSP13, BEDP, DUSP13A, MDSP

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-

10000

**Storage** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

## **Protein Information**

Name DUSP13A

**Synonyms** BEDP, DUSP13, MDSP

**Function** Probable protein tyrosine phosphatase. Has phosphatase activity with

synthetic substrates (PubMed: 15252030, PubMed: 29106959). Has a

phosphatase activity-independent regulatory role in MAP3K5/ASK1- mediated

apoptosis, preventing MAP3K5/ASK1 inhibition by AKT1. Shows no phosphatase activity on MAPK1/ERK2, MAPK8/JNK, MAPK14/p38 and

MAP3K5/ASK1.

**Cellular Location** Cytoplasm.

**Tissue Location** Skeletal muscle specific.

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