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FUS2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56173

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q93015
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31445

Additional Information

Gene ID	24142
Other Names	N-alpha-acetyltransferase 80, HsNAA80, 2.3.1.-, N-acetyltransferase 6, Protein fusion-2, Protein fus-2, NAA80 {ECO:0000303|PubMed:29581253, ECO:0000312|HGNC:HGNC:30252}
Dilution	WB=1:500-2000,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	NAA80 {ECO:0000303|PubMed:29581253, ECO:0000312|HGNC:HGNC:30252}
Function	N-alpha-acetyltransferase that specifically mediates the acetylation of the acidic amino terminus of processed forms of beta- and gamma-actin (ACTB and ACTG, respectively) (PubMed:29581253, PubMed:30028079). N-terminal acetylation of processed beta- and gamma- actin regulates actin filament depolymerization and elongation (PubMed:29581253). In vivo, preferentially displays N-terminal acetyltransferase activity towards acid N-terminal sequences starting with Asp-Asp-Asp and Glu-Glu-Glu (PubMed:29581253, PubMed:30028079). In vitro, shows high activity towards Met-Asp-Glu-Leu and Met-Asp-Asp-Asp (PubMed:10644992, PubMed:29581307). May act as a tumor suppressor (PubMed:10644992).
Cellular Location	Cytoplasm, cytosol
Tissue Location	Strongly expressed in heart and skeletal muscle, followed by brain and pancreas, with weak expression in kidney, liver, and lung and no expression in

placenta.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.