

SERF1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57713

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O75920
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12349

Additional Information

Gene ID	728492;8293
Other Names	Small EDRK-rich factor 1, Protein 4F5, h4F5, SMA modifier 1, SERF1A, FAM2A, SERF1, SMAM1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	SERF1A
Synonyms	FAM2A, SERF1, SMAM1
Function	Positive regulator of amyloid protein aggregation and proteotoxicity (PubMed: 20723760 , PubMed: 22854022 , PubMed: 31034892). Induces conformational changes in amyloid proteins, such as APP, HTT, and SNCA, driving them into compact formations preceding the formation of aggregates (PubMed: 20723760 , PubMed: 22854022 , PubMed: 31034892).
Cellular Location	Cytoplasm, cytosol. Nucleus
Tissue Location	Isoform Long is predominantly expressed in heart, brain and skeletal muscle. Isoform Short and Isoform Long are expressed throughout the central nervous system, including spinal cord

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