

SGEF Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56655

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96DR7
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97346

Additional Information

Gene ID	26084
Other Names	Rho guanine nucleotide exchange factor 26, SH3 domain-containing guanine exchange factor, ARHGEF26, SGEF
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	ARHGEF26
Synonyms	SGEF
Function	Activates RhoG GTPase by promoting the exchange of GDP by GTP. Required for the formation of membrane ruffles during macropinocytosis. Required for the formation of cup-like structures during trans-endothelial migration of leukocytes. In case of Salmonella enterica infection, activated by SopB, which induces cytoskeleton rearrangements and promotes bacterial entry.
Cellular Location	Cell projection, ruffle
Tissue Location	Isoform 1 is broadly expressed, with highest levels in liver (at protein level). Certain mRNA species appear to be specifically expressed in prostate and liver