

HPS4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56680

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9NQG7
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76919

Additional Information

Gene ID	89781
Other Names	Hermansky-Pudlak syndrome 4 protein, Light-ear protein homolog, HPS4, KIAA1667
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	HPS4
Synonyms	KIAA1667
Function	Component of the BLOC-3 complex, a complex that acts as a guanine exchange factor (GEF) for RAB32 and RAB38, promotes the exchange of GDP to GTP, converting them from an inactive GDP-bound form into an active GTP-bound form. The BLOC-3 complex plays an important role in the control of melanin production and melanosome biogenesis and promotes the membrane localization of RAB32 and RAB38 (PubMed: 23084991).

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