

## Product datasheet for **TA377209**

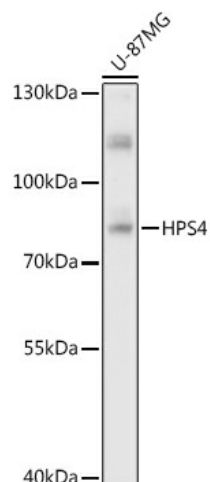
### HPS4 Rabbit Polyclonal Antibody

#### Product data:

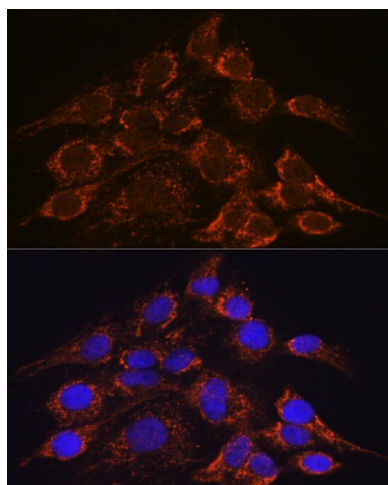
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF, 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 550-650 of human HPS4 (NP_690054.1).
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	58kDa/76kDa/78kDa
Gene Name:	HPS4, biogenesis of lysosomal organelles complex 3 subunit 2
Database Link:	<a href="#">Entrez Gene 89781 Human Q9NQG7</a>
Background:	This gene encodes a protein component of biogenesis of lysosome-related organelles complexes (BLOC). BLOC complexes are important for the formation of endosomal-lysosomal organelles such as melanosomes and platelet dense granules. Mutations in this gene result in subtype 4 of Hermansky-Pudlak syndrome, a form of albinism. Alternative splicing results in multiple transcript variants.
Synonyms:	bK1048E9.4; bK1048E9.5; KIAA1667; LE; OTTHUMP00000198860



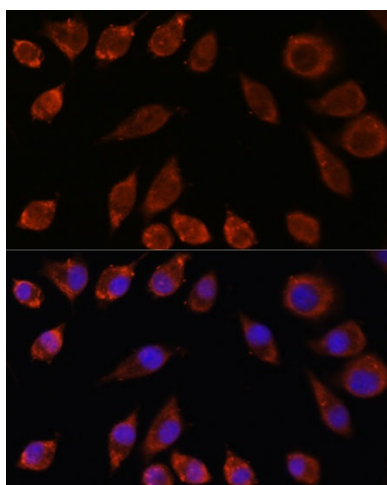
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**Product images:**

Western blot analysis of extracts of U-87MG cells, using HPS4 antibody (TA377209) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 5s.



Immunofluorescence analysis of C6 cells using HPS4 antibody (TA377209) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using HPS4 antibody (TA377209) at dilution of 1:100. Blue: DAPI for nuclear staining.