

## HPS3 antibody

Catalog No: #22451

Package Size: #22451 100ul

## Description

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Product Name          | HPS3 antibody                                                                                                  |
| Host Species          | Rabbit                                                                                                         |
| Clonality             | Polyclonal                                                                                                     |
| Purification          | Purified by antigen-affinity chromatography.                                                                   |
| Applications          | WB IHC                                                                                                         |
| Species Reactivity    | Hu                                                                                                             |
| Immunogen Type        | Peptide                                                                                                        |
| Immunogen Description | Synthetic peptide contain a sequence corresponding to a region within amino acids 942 and 1004 of Human HPS3   |
| Conjugates            | Unconjugated                                                                                                   |
| Target Name           | HPS3                                                                                                           |
| Accession No.         | Swiss-Prot:Q969F9Gene ID:84343                                                                                 |
| Concentration         | 0.9mg/ml                                                                                                       |
| Formulation           | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative. |
| Storage               | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.                      |

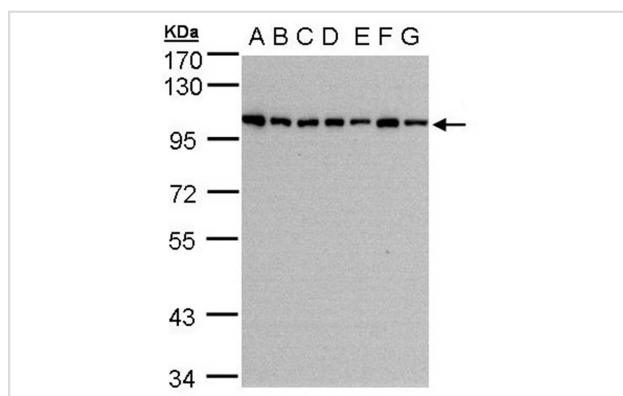
## Application Details

Predicted MW: 114kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:50-1:500

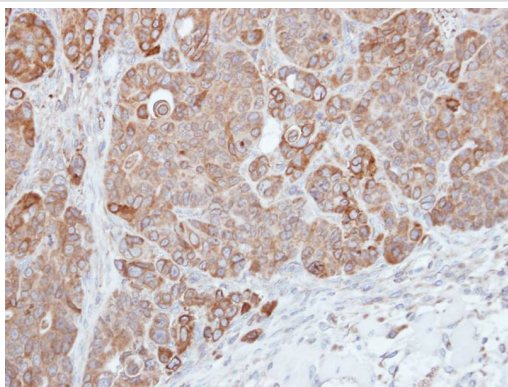
## Images



Sample(30 ug of whole cell lysate)

A: 293T  
B: A431  
C: H1299  
D: HeLa S3  
E: Hep G2  
F: MOLT4  
G: Raji

7.5% SDS PAGE  
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using HPS3 antibody at 1: 500 dilution.

## Background

This gene encodes a protein containing a potential clathrin-binding motif, consensus dileucine signals, and tyrosine-based sorting signals for targeting to vesicles of lysosomal lineage. The encoded protein may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 3. Alternate splice variants exist, but their full length sequence has not been determined. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.