

## Anti-HPS2 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep, Cat)
Molecular Weight:	Theoretical: 121 kDa. Actual: 121 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: HepG2 (Human) Lysate at 40 µg Primary: Anti-HPS2 (TMAB-07278) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 121 kD Observed band size: 121 kD
	2. Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-HPS2 (TMAB-07278) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 121 kD Observed band size: 121 kD
	Application: WB
	Recommended WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human HPS2
Antigen Species:	Human
Gene ID:	8546
Uniprot ID:	O00203

## Research Background

This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is part of the heterotetrameric AP-3 protein complex which interacts with the scaffolding protein clathrin. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 2. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2012]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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