

CAB8345

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## Product Information

<b>Product SKU:</b>	CAB8345	<b>Gene ID:</b>	1121	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	101kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	73kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** This gene encodes component A of the RAB geranylgeranyl transferase holoenzyme. In the dimeric holoenzyme, this subunit binds unprenylated Rab GTPases and then presents them to the catalytic Rab GGase subunit for the geranylgeranyl transfer reaction. Rab GTPases need to be geranylgeranylated on either one or two cysteine residues in their C-terminus to localize to the correct intracellular membrane. Mutations in this gene are a cause of choroideremia; also known as tapetochoroidal dystrophy (TCD). This X-linked disease is characterized by progressive dystrophy of the choroid, retinal pigment epithelium and retina. Alternatively spliced transcript variants have been found for this gene.

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** TCD; GGTA; REP-1; DXS540; HSD-32; CHM

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 120-210 of human CHM (NP\_000381.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.