

## CAB6306

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**Product Information**

<b>Product SKU:</b>	CAB6306	<b>Gene ID:</b>	5805	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	16kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	16kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**Background:** The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia.

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

**Synonyms:** PTPS; PTS

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-145 of human PTS (NP\_000308.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.