

## Phospho-PTS (Ser19) Rabbit pAb

db22169

Package : 20µL 50µL 100µL

**Product Name** : Phospho-PTS (Ser19) Rabbit pAb**Cat.No.:** db22169**Synonyms** : PTPS**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Oct 2008]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser19 of human PTS/PTPS

**Gene ID**

5805

**Swiss Prot**

Q03393

**Synonyms**

PTPS

**Reactivity**

Human

**Application**

WB, IHC, ICC/IF, IP

**Recommended dilution**

WB: 1:1000

IHC: 1:50

ICC/IF: 1:50

IP: 1:20

**Calculated MW**

16 kDa

**Observed MW**

16 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

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**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.