

PACO34334

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## Product Information

**Size:**

50ug

**Reactivity:**

Salmonella typhi

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

Involved in the third step of the chorismate pathway, which leads to the biosynthesis of aromatic amino acid, . Catalyzes the cis-dehydration of 3-dehydroquinone (DHQ) and introduces the first double bond of the aromatic ring to yield 3-dehydroshikimate. The reaction involves the formation of an imine intermediate between the keto group of 3-dehydroquinone and the epsilon-amino group of Lys-170 at the active site.

**Gene ID:**

aroD

**Uniprot**

P24670

**Synonyms:**

3-dehydroquinone dehydratase (3-dehydroquinase) (EC 4.2.1.10) (Type I DHQase) (Type I dehydroquinase) (DHQ1), aroD

**Immunogen:**

Recombinant Salmonella typhi 3-dehydroquinone dehydratase protein (1-252AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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N/A

N/A