

PACO34338

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

N/A

N/A