

MRJP1 Antibody



PACO35110

Product Information

Size:

50ug

Reactivity:

Apis mellifera

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Major royal jelly protein 1: induces the differentiation of honeybee larvae into queens through an Egfr-mediated signaling pathway. Promotes body size increase by activating p70 S6 kinase, stimulates ovary development by augmenting the titer of vitellogenin (Vg) and juvenile hormone, and reduces developmental time by increasing the activity of mitogen-activated protein kinase and inducing the 20-hydroxyecdysone protein (20E). Most abundant protein found in the royal jelly which is the food of the queen honey bee larva. The royal jelly determines the development of the young larvae and is responsible for the high reproductive ability of the honeybee queen.

Gene ID:

MRJP1

Uniprot

O18330

Synonyms:

Major royal jelly protein 1 (MRJP-1) (56-kDa protein 4) (p56kP-4) (Bee-milk protein) (Royalactin) [Cleaved into: Jellein-1 (Jelleine-I); Jellein-2 (Jelleine-II); Jellein-4 (Jelleine-IV)], MRJP1

Immunogen:

Recombinant Apis mellifera Major royal jelly protein 1 protein (20-432AA).

Storage:

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

Product Images

N/A

N/A