MRJP1 Antibody

Product Code	CSB-PA522725EA01DNK
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O18330
Immunogen	Recombinant Apis mellifera Major royal jelly protein 1 protein (20-432AA)
Raised In	Rabbit
Species Reactivity	Apis mellifera
Tested Applications	ELISA
Relevance	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
Form	liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	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
Species	Apis mellifera (Honeybee)
Research Area	Others
Target Names	MRJP1