

Product information

Antibody name: anti-patulin (IgG)

Product number: P27A-2

Quantity: 1 mg (lyophilised)

Clonality/purity: polyclonal affinity purified on Protein A IgGs

Host: rabbit

Immunogen: patulin conjugated to BSA

Applications: ELISA. Optimal dilutions are dependent on conditions and should be determined by the user. Other applications not tested.

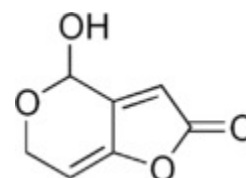
Specificity: reacts with *Aspergillus* and *Penicillium* toxin patulin

Storage buffer: purified IgGs were dialysed against bidest. water and lyophilised

Storage: after dilution store at +4°C

Description: Patulin is a mycotoxin produced by a variety of molds, particularly *Aspergillus* and *Penicillium*. It is commonly found in rotting apples, and the amount of patulin in apple products is generally viewed as a measure of the quality of the apples used in production. It is not a particularly potent toxin, but a number of studies have shown that it is genotoxic, which has led to some theories that it may be a carcinogen, though animal studies have remained inconclusive. Patulin is also an antibiotic. Several countries have instituted patulin restrictions in apple products.

Related products: The antibodies are available in the form of ELISA-tests and immunosticks for rapid sample preparation. Please, contact us for information on these products.



Structure of patulin