

Product information

Antibody name: anti-patulin

Product number: P26A-1

Quantity: 100 µl

Clonality/purity: polyclonal antibodies

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.

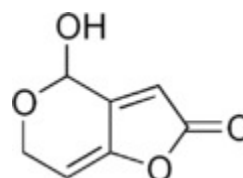
Specificity: reacts with *Aspergillus* and *Penicillium* toxin patulin

Storage buffer: Phosphate buffered saline, pH 7.2; 0.05% Sodium Azide (NaN₃)

Storage: Store at +4°C up to one month or in aliquots at -20°C for longer. Avoid repeated freezing and thawing.

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