

# Acrylamid | Prop-2-enamide

Cat PA01059

Size 5 mg

## Host

Chicken

## Clonality

Polyclonal

## Confirmed reactivity

Acrylamide

## Immunogen

Acrylamide, CAS no.: 79-06-1 purchase from SIGMA

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Chicken

## Clonality

Polyclonal

## Purity

Total IgY. Purified by PEG precipitation.

## Format

Liquid

## Storage

Store at 4°C up to one month or in aliquots at -20°C for long time storage. Avoid repeated freezing and thawing.

## Application

Immunoaffinity chromatography (IAC)

## Confirmed reactivity

Acrylamide

## Additional information

Total chicken immunoglobulin antibody fraction (IgY) is present in phosphate buffered saline, pH 7.2, 0.02% sodium azide as preservative. The antibody may be used in immunoaffinity chromatography for the isolation, purification and concentration of acrylamide from food samples for further analysis.

## Description

Acrylamide is the starting material for the production of polyacrylamide, and polyacrylamide is used as a filler for wastewater treatment, gel electrophoresis, paper production, etc. Acrylamide is produced during the heating of food and is found in coffee and other foods. The compound is neurotoxic and has endocrine disrupting properties.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**