

Datasheet for ABIN214432

**anti-Caspase 2 antibody (N-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	0.05 mg
Target:	Caspase 2 (CASP2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Brand:	IHC-plus™
Isotype:	IgG
Specificity:	Depending on cell lines or tissues used, other cleavage products may be observed.
Purification:	Immunoaffinity purified

## Target Details

Target:	Caspase 2 (CASP2)
Alternative Name:	CASP2 / Caspase 2 ( <a href="#">CASP2 Products</a> )
Background:	Name/Gene ID: CASP2

## Target Details

Subfamily: Cysteine C14

Family: Protease

Synonyms: CASP2, CASP-2, Caspase-2, PPP1R57, Protease ICH-1, NEDD-2, Caspase 2, ICH1, NEDD2

Gene ID: 835

UniProt: [P42575](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Neurotrophin Signaling Pathway](#)

## Application Details

Application Notes: Approved: ICC, IHC, IHC-P (10 µg/mL), WB (1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: avoid freeze thaw cycles. Store undiluted.

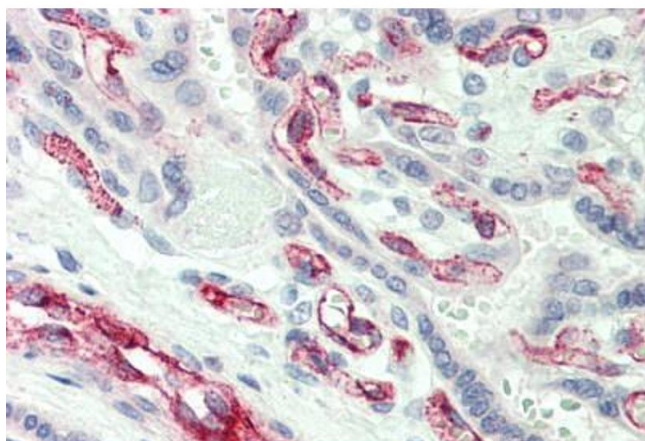
Storage: 4 °C, -20 °C

## Handling

Storage Comment: Store at 4°C for 3 months and -20°C, stable for up to 1 year. Avoid repeated freeze-thaw cycles.

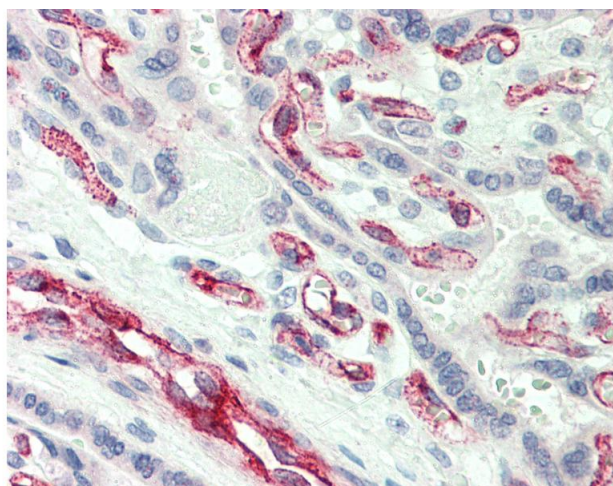
Expiry Date: 12 months

## Images



### Immunohistochemistry

**Image 1.** Human Placenta (formalin-fixed, paraffin-embedded) stained with CASP2 antibody ABIN214432 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Anti-CASP2 / Caspase 2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.