

[Go to Product page](#)

## Datasheet for ABIN5009054 **anti-POP1 antibody (Alexa Fluor 680)**

### Overview

Quantity:	100 µL
Target:	POP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POP1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASC2/POP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	POP1
Alternative Name:	POP1 ( <a href="#">POP1 Products</a> )
Background:	<p>Synonyms: PAAD domain only protein, POP1, PYDC1, Pyrin domain containing 1, Pyrin only protein 1, PYDC1_HUMAN.</p> <p>Background: The death domain (DD) superfamily of proteins share one or more of the following domains: the DD, DED (death-effector domain), CARD (caspase-recruitment domain) and PYD</p>

## Target Details

(Pyrin domain). Each of these domains is characterized by a canonical death domain fold, which consists of a bundle of five or six antiparallel  $\alpha$ -helices. As their names suggest, these domains play prominent roles in programmed cell death. ASC2 (apoptosis-associated speck-like protein containing a CARD 2), also known as Pyrin-only protein 1 or PADD-only protein 1, is an 89 amino acid member of the DD superfamily that contains one Pyrin domain. Localized to the cytoplasm, ASC2 interacts with ASC to modulate NF- $\kappa$ B and pro-caspase-1 regulation. ASC2 is predominantly expressed in monocytes, macrophages and granulocytes.

Gene ID:	10940
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## Application Details

Application Notes:	IF(IHC-P) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 $\mu$ g/ $\mu$ L
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Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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