

## NLRP2 Polyclonal Antibody

**catalog number:** E-AB-67966

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

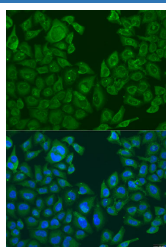
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant fusion protein of human NLRP2 (NP_060322.1).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
IF	1:50-1:200

### Data



Immunofluorescence analysis of U2OS cells using NLRP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

This gene is a member of the nucleotide-binding and leucine-rich repeat receptor (NLR) family, and is predicted to contain an N-terminal pyrin effector domain (PYD), a centrally-located nucleotide-binding and oligomerization domain (NACHT) and C-terminal leucine-rich repeats (LRR). Members of this gene family are thought to be important regulators of immune responses. This gene product interacts with components of the I $\kappa$ B kinase (IKK) complex, and can regulate both caspase-1 and NF- $\kappa$ B (nuclear factor kappa-light-chain-enhancer of activated B cells) activity. The pyrin domain is necessary and sufficient for suppression of NF- $\kappa$ B activity. An allelic variant (rs147585490) has been found that is incapable of blocking the transcriptional activity of NF- $\kappa$ B. Alternative splicing results in multiple transcript variants encoding different isoforms.

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