

## Anti-PTGER1 antibody

<b>Cat. No.</b>	ml260302
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-PTGER1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human PTGER1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	PTGER1
<b>Full name</b>	prostaglandin E receptor 1 (subtype EP1), 42kDa
<b>Synonyms</b>	EP1
<b>Swissprot</b>	P34995

### Target Background

The protein encoded by this gene is a member of the G protein-coupled receptor family. This protein is one of four receptors identified for prostaglandin E<sub>2</sub> (PGE<sub>2</sub>). Through a phosphatidylinositol-calcium second messenger system, G-Q proteins mediate this receptor's activity. Knockout studies in mice suggested a role of this receptor in mediating algisia and in regulation of blood pressure. Studies in mice also suggested that this gene may mediate adrenocorticotrophic hormone response to bacterial endotoxin.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 42 kDa

Positive control: Jurkat cells

Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane: Jurkat cells

Primary antibody: ml260302(PTGER1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



##### ELISA

Recommended dilution: 1000-2000

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