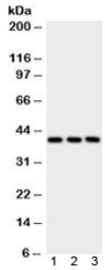
PTGER2 Antibody (R32100)

Catalog No.	Formulation	Size
R32100	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P43116
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This PTGER2 antibody is available for research use only.



Western blot testing of human 1) placenta, 2) A549 and 3) HepG2 lysate with PTGER2 antibody. Expected/observed molecular weight: 40~53 kDa depending on glycosylation level.

Description

Prostaglandin E2 receptor (53kDa), also known as EP2, is aprostaglandin receptor for prostaglandin E2. It is encoded by the human gene PTGER2. It may be associated with aspirin-induced asthma. PTGER2 is mapped to chromosome 14q22. This gene encodes a receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in this gene are associated with aspirin-induced susceptibility to asthma.

Application Notes

Optimal dilution of the PTGER2 antibody should be determined by the researcher.

Immunogen

Amino acids TIFAYMNETSSRKEKWDLQALRFLSINS of human PTGER2 were used as the immunogen for the PTGER2 antibody.

Storage

After reconstitution, the PTGER2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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