

## LPAR3 Rabbit pAb

Catalog Number: bs-25403R

Target Protein: LPAR3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat (predicted:Human, Sheep, Cow, Horse)

Predicted MW: 39 kDa

Entrez Gene: 23566

Swiss Prot: Q9UBY5

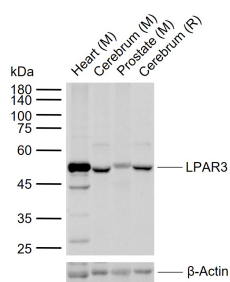
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** EDG7 is a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates lysophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins. EDG7 has been reported in human prostate, as well as rodent brain, kidney, lung, placenta, prostate, and testis. ESTs have been isolated from a normal prostate library, as well as cancer libraries of the head/neck, ovary, and thyroid.

### VALIDATION IMAGES



Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Mouse Prostate tissue lysates Lane 4: Rat Cerebrum tissue lysates Primary: Anti-LPAR3 (bs-25403R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kDa Observed band size: 48 kDa