

---

## LPA1 Rabbit pAb

Catalog Number: bs-22138R

Target Protein: LPA1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Sheep, Cow, Dog)

Predicted MW: 41 kDa

Subcellular Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 1902

Swiss Prot: Q92633

Source: KLH conjugated synthetic peptide derived from human LPA1: 301-364/364.

Purification: affinity purified by Protein A

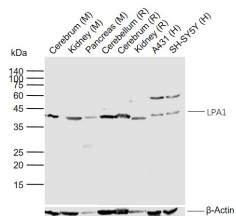
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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

**Background:** EDG2 belongs to a family of G-protein coupled receptors whose ligands are lysophospholipids. There are eight known members of the EDG receptor family and they are implicated in mediating growth-related effects such as induction of cellular proliferation, alterations in differentiation and survival, and suppression of apoptosis. They also evoke cellular effector functions that are dependent on cytoskeletal responses such as contraction, secretion, adhesion and chemotaxis. EDG receptors are developmentally regulated and differ in tissue distribution. They couple to multiple types of G proteins to signal through ras and MAP kinase, rho, phospholipase C, and several proteins not used within 12 hours. Edg2 has been reported in most human tissues, and is especially abundant in brain cortical regions. ESTs have been isolated from bone, brain, breast, connective tissue, embryo, heart/melanocyte/uterus, lung, prostate and uterus libraries.

### VALIDATION IMAGES

---



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Kidney tissue lysates Lane 3: Mouse Pancreas tissue lysates Lane 4: Rat Cerebellum tissue lysates Lane 5: Rat Cerebrum tissue lysates Lane 6: Rat Kidney tissue lysates Lane 7: Human A431 cell lysates Lane 8: Human SH-SY5Y cell lysates Primary: Anti- LPA1 (bs-22138R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa