

# **Product datasheet for TA361982**

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OriGene Technologies, Inc.

### **EDG2 (LPAR1) Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the C terminal region of human

LPAR1

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 40 kDa

**Gene Name:** lysophosphatidic acid receptor 1

Database Link: NP 001392.2

Entrez Gene 1902 Human

Q92633

#### EDG2 (LPAR1) Rabbit Polyclonal Antibody - TA361982

**Background:** The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA)

receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Two transcript variants encoding the same protein have been identified for this

gene

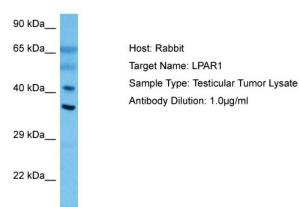
**Synonyms:** edg-2; EDG2; Gpcr26; GPR26; LPA-1; LPA1; Mrec1.3; OTTHUMP00000021904; rec.1.3; vzg-1;

VZG1

**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Gap junction, Neuroactive ligand-receptor interaction

## **Product images:**



Host: Rabbit Target Name: LPAR1

Sample Tissue: Human Testicular Tumor lysates

Antibody Dilution: 1ug/ml