

CAB14819

Product Information

|              |          |               |        |             |             |
|--------------|----------|---------------|--------|-------------|-------------|
| Product SKU: | CAB14819 | Gene ID:      | 9170   | Size:       | 20uL, 100uL |
| Clone No:    | -        | Host Species: | Rabbit | Reactivity: | Human       |

Additional Information

|                |       |            |              |
|----------------|-------|------------|--------------|
| Observed MW:   | 38kDa | Conjugate: | Unconjugated |
| Calculated MW: | 39kDa | Isotype:   | IgG          |

Immunogen Information

**Background:** This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca2+ mobilization, a critical cellular response to LPA in cells, through association with Gi and Gq proteins. An alternative splice variant has been described but its full length sequence has not been determined.

|                       |  |
|-----------------------|--|
| Recommended Dilution: | WB,1:500 - 1:2000  |
| Synonyms:             | EDG4; LPA2; EDG-4; LPA-2; LPAR2  |
| Purification Method:  | Affinity purification  |
| Immunogen:            | A synthetic peptide corresponding to a sequence within amino acids 250-350 of human LPAR2 (NP_004711.2). |
| Storage:              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.         |