OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA321666

EDG4 (LPAR2) Rabbit Polyclonal Antibody

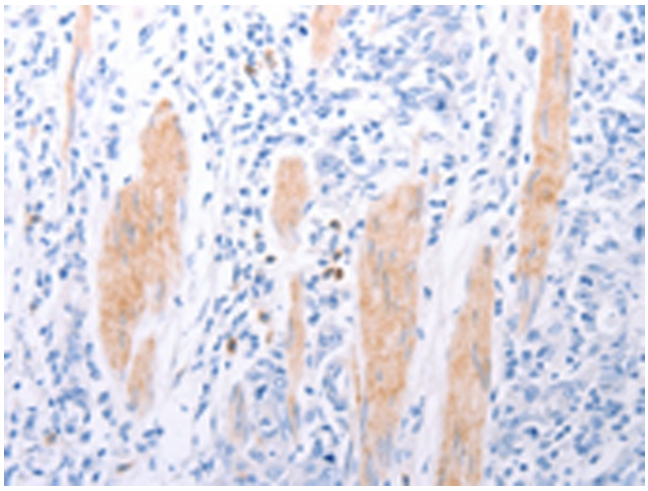
Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human gasrtic cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 340-351 amino acids of human lysophosphatidic acid receptor 2
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lysophosphatidic acid receptor 2
Database Link:	NP_004711 Entrez Gene 53978 MouseEntrez Gene 9170 Human Q9HBW0
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.
Synonyms:	EDG-4; EDG4; LPA-2; LPA2
Protein Families:	Druggable Genome, GPCR, Transmembrane

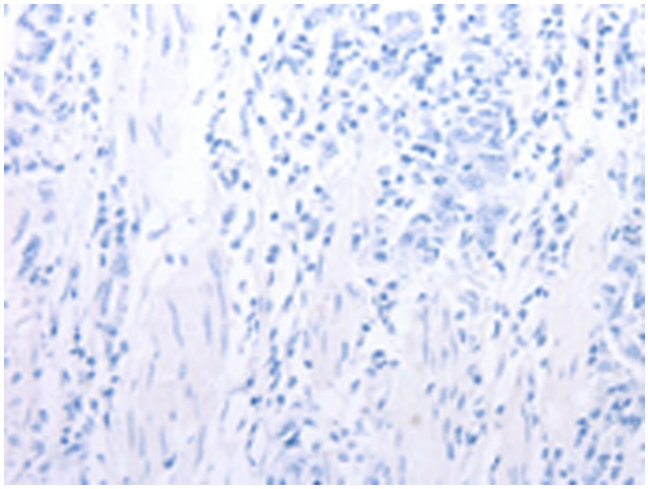
View online »

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using TA321666 (LPAR2 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using TA321666 (LPAR2 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)