

## Product datasheet for **TA366878**

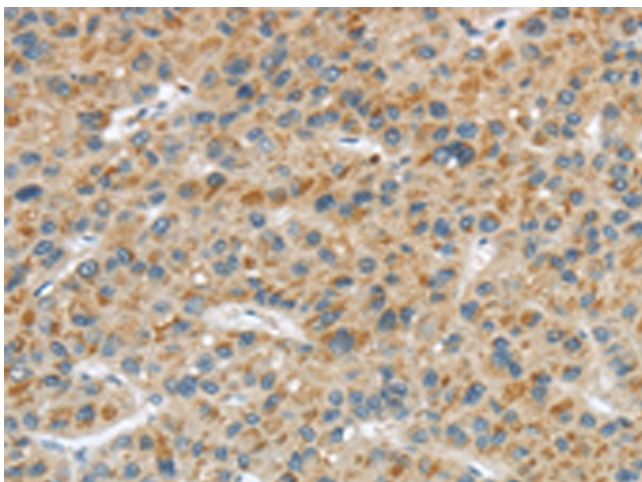
### EDG2 (LPAR1) Rabbit Polyclonal Antibody

#### Product data:

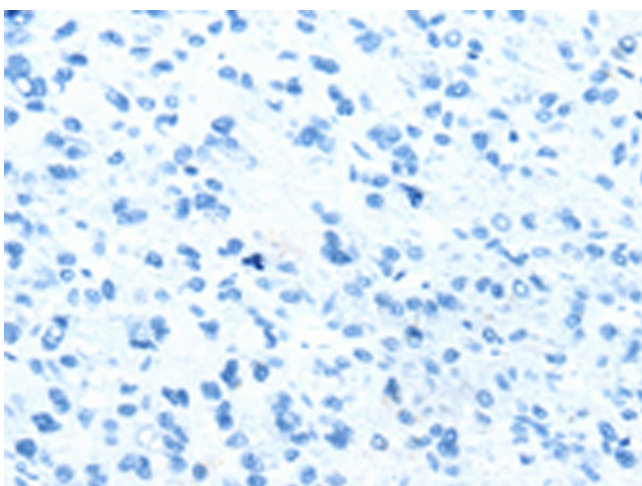
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human LPAR1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	lysophosphatidic acid receptor 1
Database Link:	<a href="#">Entrez Gene 1902 Human Q92633</a>
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.
Synonyms:	edg-2; EDG2; Gpcr26; GPR26; LPA-1; LPA1; Mrec1.3; OTTHUMP00000021904; rec.1.3; vzg-1; VZG1



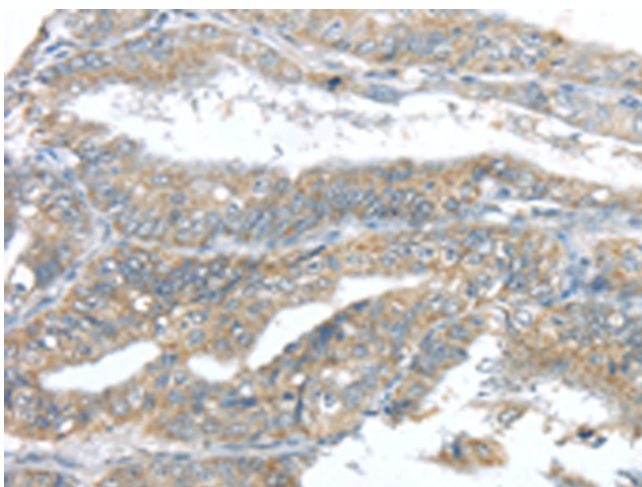
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**Product images:**

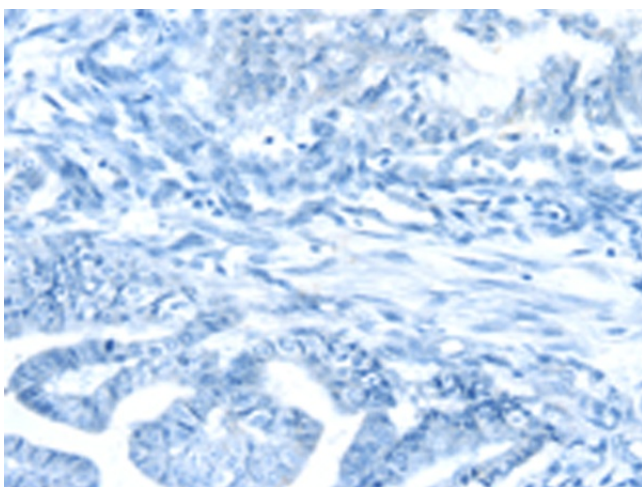
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA366878 (LPAR1 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA366878 (LPAR1 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA366878 (LPAR1 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA366878 (LPAR1 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )