BT LAB
Bioassay Technology Laboratory
Optimize Your Research

EDG-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02826
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human EDG2. AA range:5-54
Mol wt	41109
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	EDG-2 Antibody
Synonyms	LPAR1; EDG2; LPA1; Lysophosphatidic acid receptor 1; LPA receptor 1; LPA-1; Lysophosphatidic acid receptor Edg-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The lysophosphatidic acid receptor 1 encoded by LPAR1 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

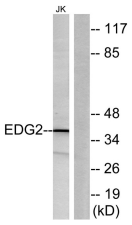
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

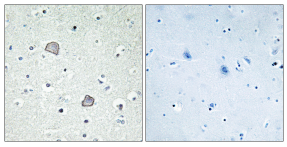
ELISA: 1: 5000

Not yet tested in other applications.

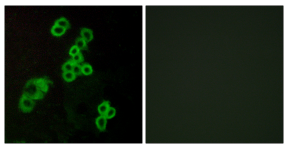
Images



Western blot analysis of lysates from Jurkat cells, using EDG2 Antibody. The lane on the right is blocked with the synthesized peptide.

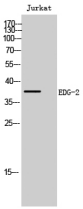


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using EDG2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of MCF7 cells, using EDG2 Antibody. The picture on the right is blocked with the synthesized peptide.

Western blot analysis of KB 293T lysis using EDG-2 antibody. Antibody was diluted at 1:500



Western Blot analysis of Jurkat cells using EDG-2 Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year

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