

## Lysophosphatidic Acid Receptor Edg-4 (EDG4) Antibody

Catalogue No.:abx032699





EDG4 is 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.

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Target:	Lysophosphatidic Acid Receptor Edg-4 (EDG4)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 3-32 amino acids from the N-terminal region of human EDG4.
lsotype:	lgG
Form:	Liquid



Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized
	immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9HBW0 ( <u>UniProt</u> , <u>ExPASy</u> )
NCBI Accession:	NP_004711.2
String:	9606.ENSP00000443256
Molecular Weight:	Calculated MW: 39.1 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Monkey LPAR2.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.