**PAA469Hu01**
**Polyclonal Antibody to Lipase, Endothelial (LIPG)**
**Organism Species: Homo sapiens (Human)**
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

## [ PRODUCT INFORMATION ]

**Immunogen:** LIPG, Human

**Clonality:** Polyclonal

**Host:** Rabbit

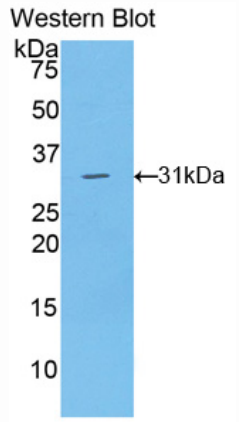
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F, ELISA

**Concentration:** 200μg/mL

**UOM:** 100μg




*Sample: Recombinant LIPG, Human*

## [ IMMUNOGEN INFORMATION ]

**Immunogen:** Recombinant LIPG (Ala175~Ile412) expressed in *E.coli*.

**USCN Accession No.:** RPA469Hu01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF-AGYAGN FVKGTVGRIT GLDPAGPMFE GADIHKRLSP DDADFVDVLH TYTRSFGLSI GIQMPVGHID IYPNGGDFQP GCGLNDVLGS IAYGTITEVV KCEHERAVHL FVDSLVNQDK PSFAFQCTDS NRFKKGICLS CRKNRCNSIG YNAKKMRNKR NSKMYLKTRA GMPFRVYHYQ MKIHVFSYKN MGEIEPTFYV TLYGTNADSQ TLPLEIVERI EQNATNTFLV YTEEDLGDLL KI

## [ ANTIBODY SPECIFITY ]

The antibody is a rabbit polyclonal antibody raised against LIPG. It has been selected for its ability to recognize LIPG in immunohistochemical staining and western blotting.

## [ APPLICATIONS ]

Western blotting: 1:100-400
Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% $NaN_3$, 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant LIPG (Ala175~Ile412) disposed in loading buffer.
**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescent (ECL).
**Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.
**Loading Buffer:** 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, $NaN_3$ 0.02%.

## [ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.