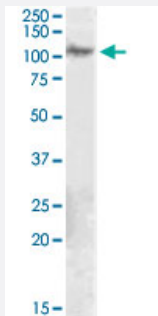


ITGB5 polyclonal antibody

Catalog # PAB6744

Size 100 ug

Applications



Western Blot (Tissue lysate)

ITGB5 polyclonal antibody (Cat # PAB6744) (0.1 ug/mL) staining of human ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of ITGB5.

Immunogen A synthetic peptide corresponding to human ITGB5.

Sequence C-TFNKFNKSYNGTVD

Host Goat

Theoretical MW (kDa) 88

Reactivity Human, Mouse

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:16000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

ITGB5 polyclonal antibody (Cat # PAB6744) (0.1 ug/mL) staining of human ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ITGB5

Entrez GeneID	3693
Protein Accession#	NP_002204
Gene Name	ITGB5
Gene Alias	FLJ26658
Gene Description	integrin, beta 5
Omim ID	147561
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Publication Reference

- [Phagocytosis of rod outer segments by retinal pigment epithelial cells requires alpha\(v\)beta5 integrin for binding but not for internalization.](#)

Finnemann SC, Bonilha VL, Marmorstein AD, Rodriguez-Boulan E.

PNAS 1997 Nov; 94(24):12932.

Application: IF, IHC-Fr, WB-Ti, Rat, RPE cells

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Adenovirus Infections](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Pulmonary Disease](#)