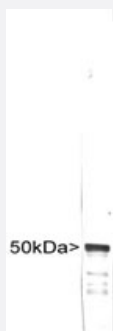


VIM polyclonal antibody

Catalog # PAB12100 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot of crude extract of Hek293 cells stained with VIM polyclonal antibody (Cat # PAB12100), showing a single strong clean band at ~50kDa.

Specification

Product Description	Chicken polyclonal antibody raised against recombinant VIM.
Immunogen	Recombinant protein corresponding to human VIM.
Host	Chicken
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Immunofluorescence (1:5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:150) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 5 mM sodium azide
Storage Instruction	Store at 4°C for short term. For long term storage 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 (Cell lysate)

Western blot of crude extract of Hek293 cells stained with VIM polyclonal antibody (Cat # PAB12100), showing a single strong clean band at ~50kDa.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunofluorescence

Gene Info — VIM

Entrez GeneID	7431
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Protein Accession#	P08670
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Gene Name	VIM
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Gene Alias	FLJ36605
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Gene Description	vimentin
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Omim ID	193060
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract
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Other Designations	OTTHUMP00000019224
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Publication Reference

- [Parvin-beta inhibits breast cancer tumorigenicity and promotes CDK9-mediated peroxisome proliferator-activated receptor gamma 1 phosphorylation.](#)

Johnstone CN, Mongroo PS, Rich AS, Schupp M, Bowser MJ, Delemos AS, Tobias JW, Liu Y, Hannigan GE, Rustgi AK.
Molecular and Cellular Biology 2008 Jan; 28(2):687.

Application: IHC, Mouse, Mouse tumors

- [The functional interplay between EGFR overexpression, hTERT activation, and p53 mutation in esophageal epithelial cells with activation of stromal fibroblasts induces tumor development, invasion, and differentiation.](#)

Okawa T, Michaylira CZ, Kalabis J, Stairs DB, Nakagawa H, Andl CD, Johnstone CN, Klein-Szanto AJ, El-Deiry WS, Cukierman E, Herlyn M, Rustgi AK.

Genes & Development 2007 Nov; 21(21):2788.

Application: WB-Ce, Human , Adult esophageal fibroblasts, Human fetal esophageal fibroblasts, Human fetal skin fibroblasts

- [Renal cyst development in mice with conditional inactivation of the von Hippel-Lindau tumor suppressor.](#)

Rankin EB, Tomaszewski JE, Haase VH.

Cancer Research 2006 Mar; 66(5):2576.

Application: IHC-P, Mouse , Mouse kidney

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)