

Vimentin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09530
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human VIM. AA range:371-420
Mol wt	53652
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Vimentin Antibody
Synonyms	Vimentin

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

Background

VIM (vimentin) encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by VIM 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 VIM causes a dominant, pulverulent cataract.

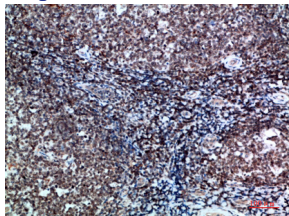
Recommended Dilution

WB: 1: 500 - 2000

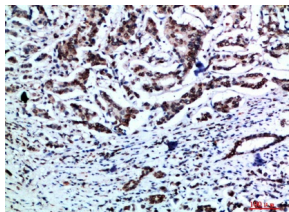
ELISA: 1: 10000 - 20000

Not yet tested in other applications.

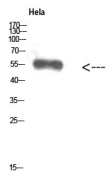
Images



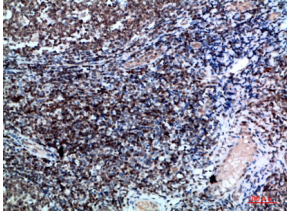
Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



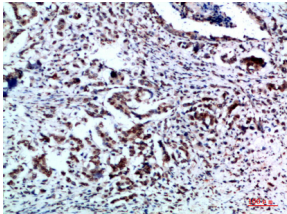
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



Western Blot analysis of HeLa cells using Vimentin Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200

Storage

-20°C for one year

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