

## Vimentin Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP09527
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Vimentin
Mol wt	53652
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Vimentin Antibody
Synonyms	VIM; Vimentin

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

### Background

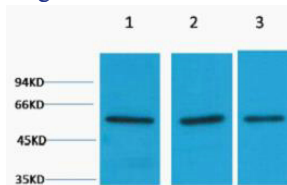
VIM encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. Vimentin encoded by VIM is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is 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 this gene causes a dominant, pulverulent cataract.

### Recommended Dilution

WB: 1: 1000 - 2000

Not yet tested in other applications.

### Images



Western blot analysis of 1) HeLa, 2) Mouse Brain, 3) Rat Brain tissue, diluted at 1:2000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year