

Vimentin(Phospho Ser83) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP15478

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Vimentin around the

phosphorylation site of Ser83. AA range:56-105

Mol wt 53652

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Vimentin

Synonyms Vimentin; VIM; Vimentin

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

Background

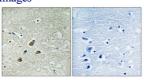
This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. 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.

Recommended Dilution

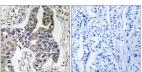
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

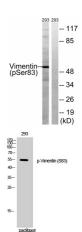
Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°C overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Vimentin (Phospho-Ser83) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of 293 cells using Phospho-Vimentin (S83) Polyclonal Antibody

Western blot analysis of lysates from 293 cells treated with paclitaxel 1uM 24h, using Vimentin (Phospho-Ser83) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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