
Vimentin Rabbit pAb

Catalog Number: bs-0756R

Target Protein: Vimentin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1µg/Test), ICC/IF (1:100)

Reactivity: Human, Mouse, Rat (predicted:Pig, Cow, Chicken, Goat)

Predicted MW: 53 kDa

Entrez Gene: 7431

Swiss Prot: P08670

Source: KLH conjugated synthetic peptide derived from human Vimentin: 371-466/466.

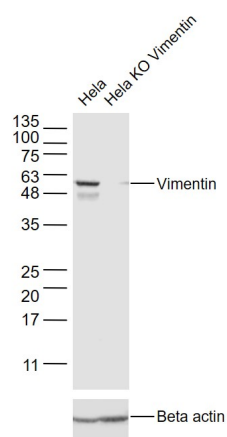
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

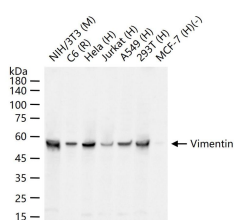
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.[provided by RefSeq, Jun 2009]

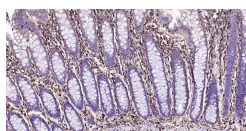
VALIDATION IMAGES



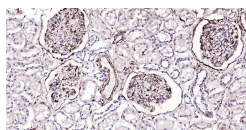
Sample: HeLa(Human) Cell Lysate at 30 ug HeLa KO Vimentin (Human) Cell Lysate at 30 ug Primary: Anti-Vimentin (bs-0756R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



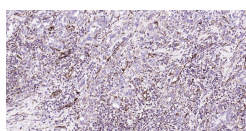
25 ug total protein per lane of various lysates (see on figure) probed with Vimentin polyclonal antibody, unconjugated (bs-0756R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



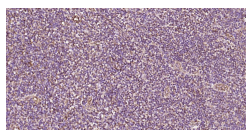
Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Vimentin Polyclonal Antibody, Unconjugated (bs-0756R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Vimentin Polyclonal Antibody, Unconjugated (bs-0756R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Vimentin Polyclonal Antibody, Unconjugated (bs-0756R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Vimentin Polyclonal Antibody, Unconjugated (bs-0756R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=18.952] Mahmoud Labibet al. Tracking the expression of therapeutic protein targets in rare cells by antibody-mediated nanoparticle labelling and magnetic sorting. Nat Biomed Eng . 2020 Jul 27. FCM ; Human . 32719513

[IF=12.822] Tian-Hao Wang. et al. Connexin-43 is a promising target for lycopene preventing phthalate-induced spermatogenic

disorders. J ADV RES. 2022 Sep;; WB,IF ; Mouse . 36087924

[IF=11.161] Zhipeng Jiang. et al. EIF4A3-induced circ_0084615 contributes to the progression of colorectal cancer via miR-599/ONECUT2 pathway. J Exp Clin Canc Res. 2021 Dec;40(1):1-15 WB,IHC ; Human . 34253241

[IF=10.633] Na Yu. et al. Comparison of fresh and preserved decellularized human corneal lenticules in femtosecond laser-assisted intrastromal lamellar keratoplasty. ACTA BIOMATER. 2022 Jul;; IF ; Human . 35896137

[IF=9.584] Zheng, Bingxin. et al. Siglec-15-induced autophagy promotes invasion and metastasis of human osteosarcoma cells by activating the epithelial–mesenchymal transition and Beclin-1/ATG14 pathway. CELL BIOSCI. 2022 Dec;12(1):1-15 WB ; Human . 35842729