

Product datasheet for **TA324728**

Vimentin (VIM) Rabbit Polyclonal Antibody

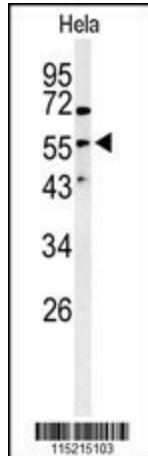
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	IF: 1:200, WB: 1:1000, IHC: 1:10~50
Reactivity:	Human, Mouse (Predicted: Rat, Bovine, Hamster, Monkey)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This Vimentin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-90 amino acids from human Vimentin.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53652 Da
Gene Name:	vimentin
Database Link:	NP_003371 Entrez Gene 22352 Mouse Entrez Gene 81818 Rat Entrez Gene 705289 Monkey Entrez Gene 7431 Human P08670
Synonyms:	CTRCT30; HEL113
Protein Families:	ES Cell Differentiation/IPS

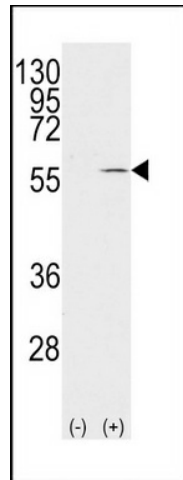


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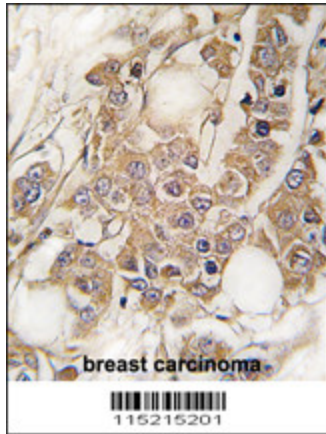
Product images:



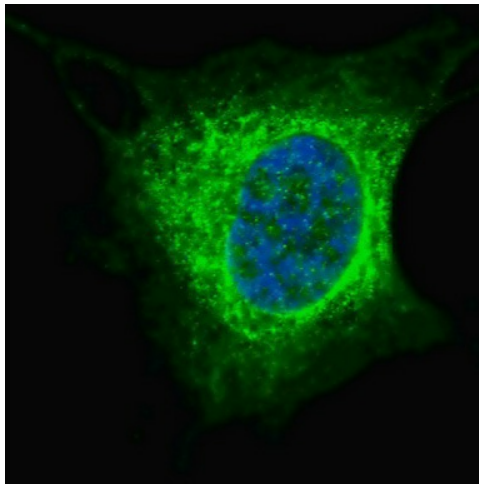
Western blot analysis of Vimentin-S82 (Cat. #TA324728) in HeLa cell line lysates (35ug/lane). Vimentin (arrow) was detected using the purified Pab.



Western blot analysis of VIM (arrow) using rabbit polyclonal Vimentin Antibody (S82) (Cat.#TA324728). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the VIM gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with Vimentin Antibody (S82) (Cat.#TA324728), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF image of SY5Y cells stained with Vimentin (S82) antibody. SY5Y cells were incubated with TA324728 Vimentin (S82) primary antibody (1:200, 2 h at RT). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1 h). Nuclei were counterstained with Hoechst 33342 (blue). Note the highly specific localization of the Vimentin immunosignal to the cytoskeleton, supported by Human Protein Atlas Data (<http://www.proteinatlas.org/ENSG00000026025>).