

Phospho-Vimentin (Tyr117) Ab

Cat.#: AF7212	Concn.: 1mg/ml	Mol.Wt.: 53kDa
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000

Reactivity: Human,Mouse,Rat

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Specificity: Phospho-Vimentin (Tyr117) Ab detects endogenous levels of Vimentin only when phosphorylated at Tyr117

Immunogen: A synthesized peptide derived from human Vimentin around the phosphorylation site of Tyr117

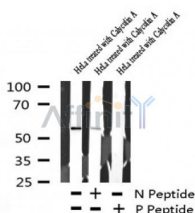
Uniprot: P08670

Subcellular Location: Cytoplasm.

Tissue Specificity: Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

Similarity: The central alpha-helical coiled-coil IF rod domain mediates elementary homodimerization.The [IL]-x-C-x-x-[DE] motif is a proposed target motif for cysteine S-nitrosylation mediated by the iNOS-S100A8/A9 transnitrosylase complex.Belongs to the intermediate filament family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt



Western blot analysis of Phospho-Vimentin (Tyr117) in lysates of HeLa , using Phospho-Vimentin (Tyr117) Ab(AF7212).

IMPORTANT: For western blot, incubate membrane with diluted Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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