



Periphilin 1 rabbit pAb

Cat No.:ES3175

For research use only

Overview

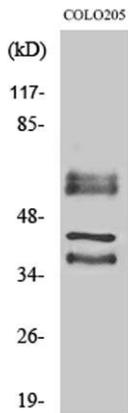
Product Name	Periphilin 1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PPHLN. AA range:71-120
Specificity	Periphilin 1 Polyclonal Antibody detects endogenous levels of Periphilin 1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Periphilin-1
Gene Name	PPHLN1
Cellular localization	Nucleus . Cytoplasm . Chromosome . In undifferentiated keratinocytes expressed in speckle-type nuclear granules and at the nuclear membrane, but in the differentiated keratinocytes colocalized with periplakin at the cell periphery and at cell-cell junctio
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	53kD
Human Gene ID	51535
Human Swiss-Prot Number	Q8NEY8
Alternative Names	PPHLN1; HSPC206; HSPC232; Periphilin-1; Gastric cancer antigen Ga50





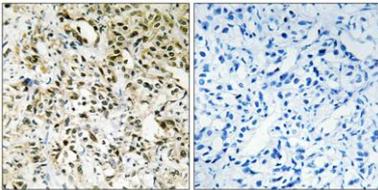
Background

The protein encoded by this gene is one of the several proteins that become sequentially incorporated into the cornified cell envelope during the terminal differentiation of keratinocyte at the outer layers of epidermis. This protein interacts with periplakin, which is known as a precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008],



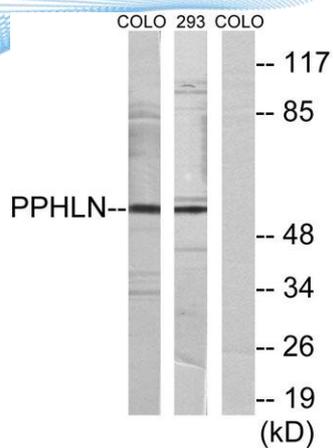
Western Blot analysis of various cells using Periphilin 1 Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using PPHLN Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from COLO and 293 cells, using PPHLN Antibody. The lane on the right is blocked with the synthesized peptide.



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