

ST18 rabbit pAb

Cat No.:ES3504

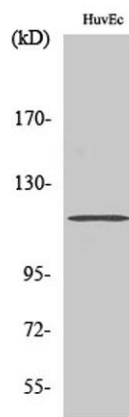
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Overview

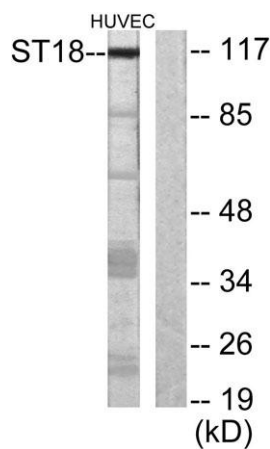
Product Name	ST18 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ZNF387. AA range:41-90
Specificity	ST18 Polyclonal Antibody detects endogenous levels of ST18 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	Suppression of tumorigenicity 18 protein
Gene Name	ST18
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	115kD
Human Gene ID	9705
Human Swiss-Prot Number	O60284
Alternative Names	ST18; KIAA0535; ZNF387; Suppression of tumorigenicity 18 protein; Zinc finger protein 387
Background	function:Repressor that binds to DNA sequences containing a bipartite element consisting of a direct repeat of the sequence 5'-AAAGTTT-3' separated by 2-9 nucleotides. Represses basal transcription



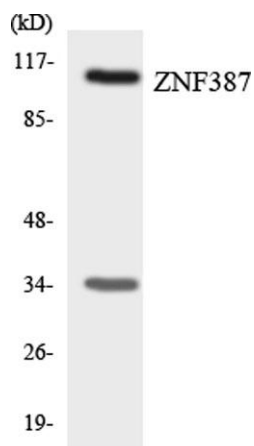
activity from target promoters (By similarity).
Inhibits colony formation in cultured breast cancer cells.,similarity:Contains 6 C2HC-type zinc fingers.,tissue specificity:Detected at low levels in heart, liver, kidney, skeletal muscel, pancreas, testis, ovary and prostate. Detected at even lower levels in mammary epithelial cells and breast cancer cells.,



Western Blot analysis of various cells using ST18
Polyclonal Antibody cells nucleus extracted by Minute TM
Cytoplasmic and Nuclear Fractionation kit
(SC-003,Inventbiotech,MN,USA).



Western blot analysis of lysates from HUVEC cells, using
ZNF387 Antibody. The lane on the right is blocked with
the synthesized peptide.

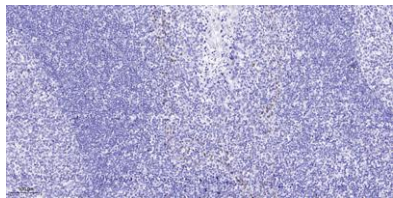


Western blot analysis of the lysates from COLO205 cells
using ZNF387 antibody.





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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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