10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ST18 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5378A

Product Information

Application	WB, E
Primary Accession	O60284
Other Accession	NP_055497.1
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26471
Calculated MW	115155
Antigen Region	339-367

Additional Information

Gene ID	9705
Other Names	Suppression of tumorigenicity 18 protein, Zinc finger protein 387, ST18, KIAA0535, ZNF387
Target/Specificity	This ST18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 339-367 amino acids from the N-terminal region of human ST18.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ST18 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

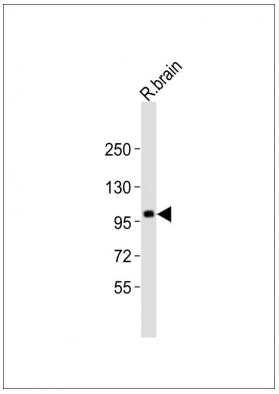
Name	ST18
Synonyms	KIAA0535, ZNF387

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.
Cellular Location	Nucleus.
Tissue Location	Detected at low levels in heart, liver, kidney, skeletal muscle, pancreas, testis, ovary and prostate. Detected at even lower levels in mammary epithelial cells and breast cancer cells

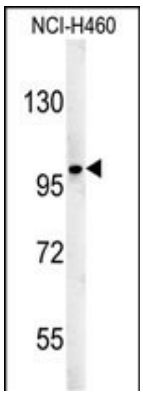
References

Yang, J., et al. FASEB J. 22(11):3956-3967(2008)
Jandrig, B., et al. Oncogene 23(57):9295-9302(2004)
Wistow, G., et al. Mol. Vis. 8, 196-204 (2002) :

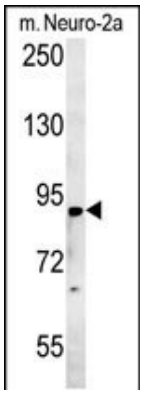
Images



Anti-ST18 Antibody (N-term)at 1:2000 dilution + rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 115 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ST18 Antibody (N-term)(Cat. #AP5378a) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the ST18 antibody detected the ST18 protein (arrow).



ST18 Antibody (N-term)(Cat. #AP5378a) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the ST18 antibody detected the ST18 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.