

ST18 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5378A

Specification

ST18 Antibody (N-term) - Product Information

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

ST18 Antibody (N-term) - 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~~1:2000

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.

ST18 Antibody (N-term) - 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

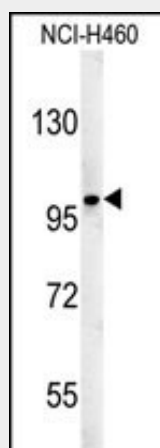
Detected at low levels in heart, liver, kidney, skeletal muscle, pancreas, testis, ovary and prostate. Detected at even lower levels in mammary epithelial cells and breast cancer cells

ST18 Antibody (N-term) - Protocols

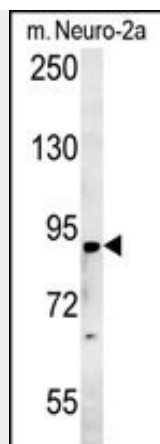
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

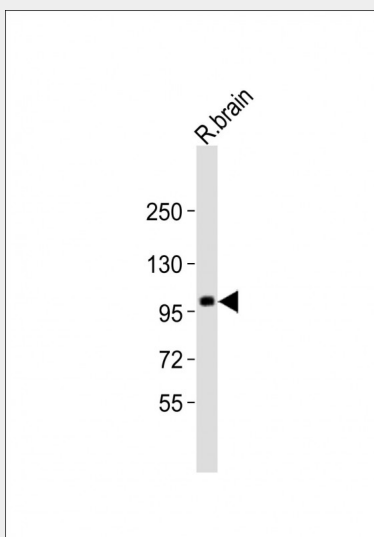
ST18 Antibody (N-term) - Images



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).



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) - 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) :