

Datasheet for ABIN2778084
anti-ST18 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ST18 (ZNF387)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Horse, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ST18
Sequence:	VIKKGKVSEE LMTIKLKATG GIESDEEIRH LDEEIKELNE SNLKIEADMM
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ST18. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ST18 (ZNF387)
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Target Details

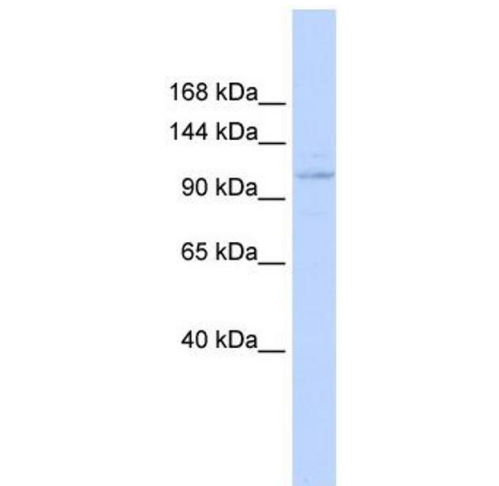
Alternative Name:	ST18 (ZNF387 Products)
Background:	<p>ST18 repressor that binds to DNA sequences containing a bipartite element consisting of a direct repeat of the sequence 5'-AAAGTTT-3' separated by 2-9 nucleotides. ST18 represses basal transcription activity from target promoters. ST18 inhibits colony formation in cultured breast cancer cells.</p> <p>Alias Symbols: KIAA0535, ZNF387</p> <p>Protein Size: 1047</p>
Molecular Weight:	115 kDa
Gene ID:	9705
NCBI Accession:	NM_014682 , NP_055497
UniProt:	O60284

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1047 AA
Restrictions:	For Research Use only

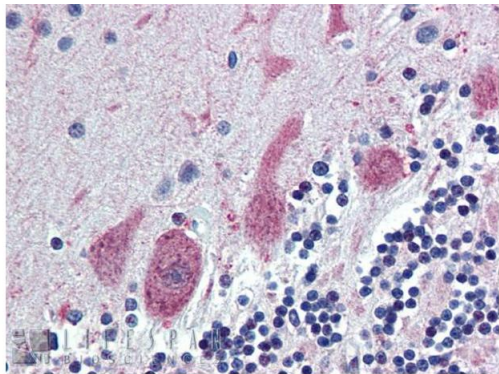
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-ST18 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Hela cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Human Brain, cerebellum tissue at an antibody concentration of 5.0ug/ml using anti-ST18 antibody

Rabbit Anti-ST18 Antibody
Catalog Number: ARP33714
Lot Number: QC3116
Paraffin Embedded Tissue: Human Brain, cerebellum
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.