PAA828Mu01
Polyclonal Antibody to Neuromedin S (NMS)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: NMS, Mouse
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200μg/mL
UOM: 100μg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant NMS (Leu31~Gln153) expressed in *E.coli*.
Accession No.: RPA828Mu01
Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.
MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAAKFERQHM DSPDLGTGGG SGIEGRGSMG YRGSEF-LADSPDGLDI VDPERLAYFL KQREIHSNQP KENQDVYKRF LFHYSRTRKP THPVSAEFAP VHPLMRLAAK LASRRMKRLP RLLRLDSRMA TVDFPKKDPT TSLGRPFFLF RPRNGRYTDN NFQ

[ANTIBODY SPECIFITY]

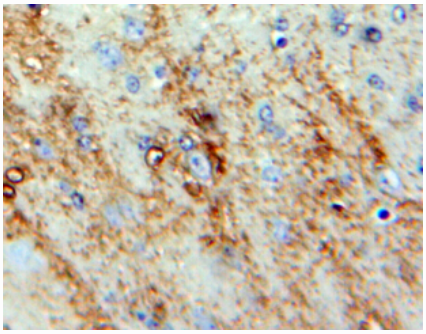
The antibody is a rabbit polyclonal antibody raised against NMS. It has been selected for its ability to recognize NMS in immunohistochemical staining and western blotting.

[APPLICATIONS]

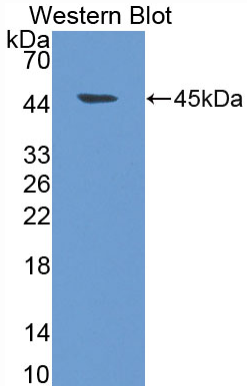
Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on fromalin fixed paraffin- embedded Brain tissue



Used in Western Blot, Sample: Recombinant NMS, Mouse

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Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant NMS (Leu31~Gln153) disposed in loading buffer.
Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescent (ECL).
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.
Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.