PAA428Hu01

Polyclonal Antibody to Neurokinin A (NKA)

Organism Species: Homo sapiens (Human)

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: NKA-OVA

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: Synthetic Peptide, NKA conjugated to OVA.

Accession No.: CPA428Hu71

Sequence: The target peptide sequence is listed below.

HKTDSFVGLM

[RELEVANCE]

Neurokinin A, formerly known as Substance K, is a neurologically active peptide translated from the pre-protachykinin gene and belong to the tachykinin family. Neurokinin A has many excitatory effects on mammalian nervous systems and is also influential on the mammalian inflammatory and pain responses. Tachykinins are important contributors to nociceptive processing, satiety, and smooth muscle contraction.

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against NKA conjugated to OVA. It has been selected for its ability to recognize NKA 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.

[CONTENTS]

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

[STORAGE]

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