

Datasheet for ABIN2792123
anti-Septin 4 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Septin 4 (SEPT4)
Binding Specificity:	N-Term
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SEPT4 (septin-4)
Sequence:	RSLGWQGNSV PEDRTEAGIK RFLEDTTDDG ELSKFVKDFS GNASCHPPEA
Predicted Reactivity:	Dog: 84%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SEPT4 (septin-4) . It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	Septin 4 (SEPT4)
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Target Details

Alternative Name:	SEPT4 - (SEPT4 Products)
Background:	<p>The SEPT4 gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. SEPT4 encodes a protein that is thought to be part of a complex involved in cytokinesis.</p> <p>Alias Symbols: H5, ARTS, MART, SEP4, CE5B3, PNUTL2, hucep-7, BRADEION, hCDCREL-2</p> <p>Protein Interaction Partner: XIAP, AREL1, UBC, Caskin1, SNCA, BIRC3, SIAH1, SEPT8, SNCAIP, SEPT4, SEPT5, SNCB, PARK2,</p> <p>Protein Size: 478</p>
Molecular Weight:	55 kDa
Gene ID:	5414
NCBI Accession:	NM_004574 , NP_004565
UniProt:	O43236

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 478 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

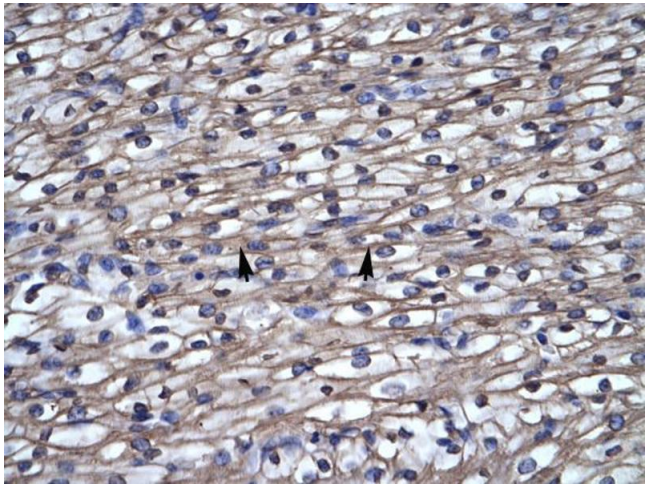
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SEPT4 Titration: 0.2-1 ug/ml
Positive Control: Human cerebellum



Immunohistochemistry

Image 2. Human Heart