

Datasheet for ABIN7244516

anti-Septin 4 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	Septin 4 (SEPT4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human SEPT4
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Septin 4 (SEPT4)
Alternative Name:	SEPT4 (SEPT4 Products)
Background:	This gene is a member of the septin 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. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is

Target Details

highly expressed in brain and heart. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct, it is localized to the mitochondria, and has a role in apoptosis and cancer.

NCBI Accession: [NP_004565](#)

UniProt: [O43236](#)

Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.4 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

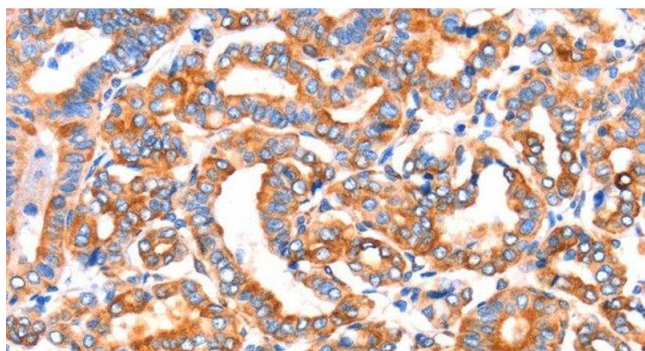
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

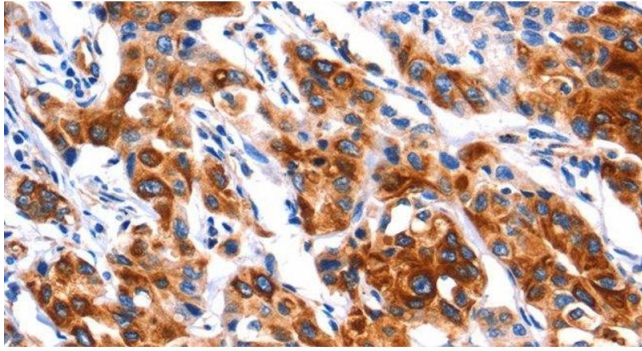
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SEPT4 Polyclonal Antibody at dilution 1:50



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human lung cancer tissue using SEPT4 Polyclonal Antibody at dilution 1:50