

Datasheet for ABIN359493
anti-CASC3 antibody (Tyr181)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	CASC3
Binding Specificity:	Tyr181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding Y181 of human CASC3.
Isotype:	Ig Fraction
Specificity:	This antibody detects CASC3.
Purification:	Protein A column, followed by peptide affinity purification.

Target Details

Target:	CASC3
Alternative Name:	CASC3 (CASC3 Products)

Target Details

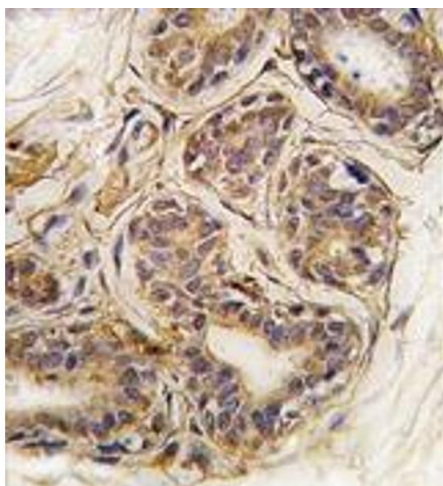
Background:	Component of the dendritic ribonucleoprotein particles (RNPs) in hippocampal neurons. May play a role in mRNA transport.Synonyms: Cancer susceptibility candidate gene 3 protein, MLN51, Metastatic lymph node protein 51, Protein MLN 51 homolog, Protein barentsz
Molecular Weight:	75639 Da
Gene ID:	22794, 10090
UniProt:	O15234

Application Details

Application Notes:	ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

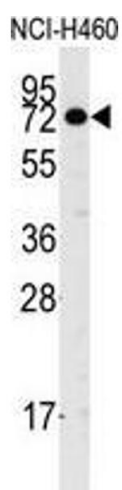
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CASC3 Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-CASC3 Antibody in NCI-H460 cell line lysates (35 µg/lane). CASC3 (arrow) was detected using the purified Pab (1:60 dilution).