

## TCEB1 Antibody

Catalog No: #40138

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

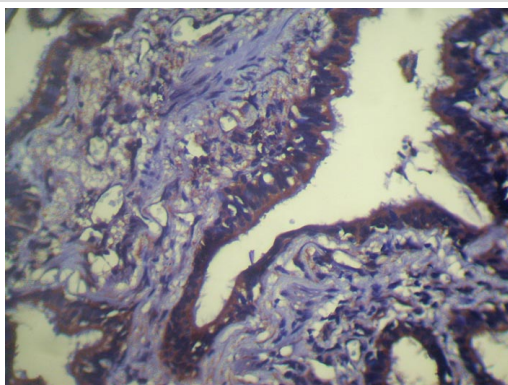
## Description

Product Name	TCEB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC WB ELISA
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total TCEB1 protein.
Immunogen Type	Protein
Immunogen Description	Full length fusion protein
Target Name	TCEB1
Other Names	SIII; eloC
Accession No.	Swiss-Prot:Q15369Gene Accssion:BC013809
Uniprot	Q15369
GeneID	6921;
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

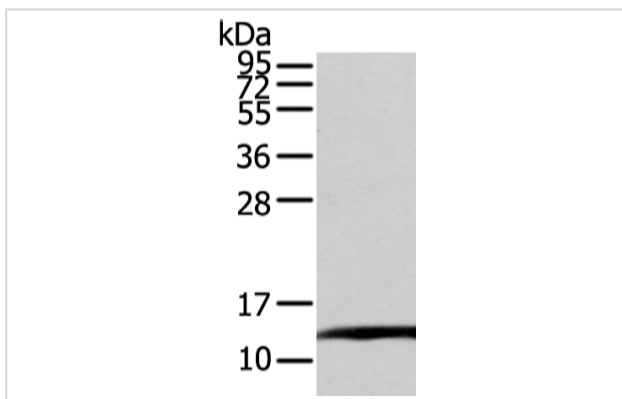
## Application Details

Immunohistochemistry: 1:100-1:200

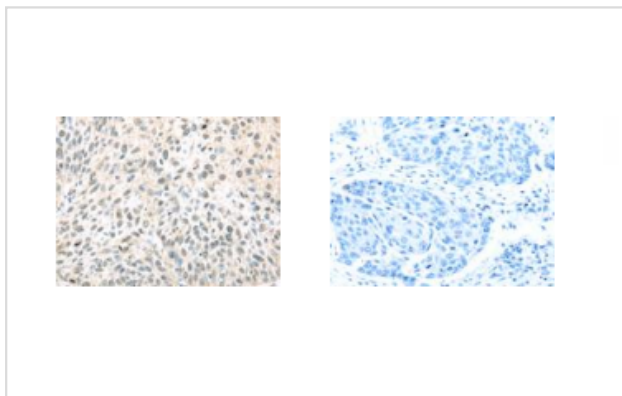
## Images



Immunohistochemical analysis of paraffin-embedded Human Lung cancer tissue using #40138 at dilution 1/100.



Gel: 12%SDS-PAGE  
Lysate: 80  $\mu$ g  
Lane: PC3 cell  
Primary antibody: TCEB1 Antibody #40138 at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using TCEB1 Antibody #40138 at dilution 1/40, on the right is treated with fusion protein. (Original magnification:  $\times$  200)

## Background

This gene encodes the protein elongin C, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been identified.

Note: This product is for in vitro research use only