Datasheet for ABIN1531299

anti-TBC1D4 antibody (pThr642)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	TBC1D4
Binding Specificity:	AA 611-660, pThr642
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBC1D4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human AS160 around the phosphorylation site of Thr642.
Isotype:	IgG
Specificity:	AS160 (Phospho-Thr642) Antibody detects endogenous levels of AS160 only when phosphorylated at Thr642. PhosphorylationH:T642 M:T649
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

Target:	TBC1D4
Alternative Name:	AS160 (TBC1D4 Products)
Background:	Synonyms: Akt substrate of 160 kDa, KIAA0603, TBC1 domain family member 4, TBC4, TBCD4 NCBI Gene Symbol: TBC1D4
Molecular Weight:	146 kDa
Gene ID:	9882
OMIM:	612465
UniProt:	O60343

Application Details

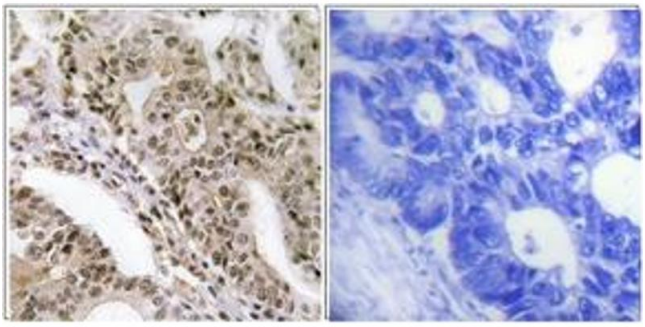
Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.210891 (NCBI Gene Symbol: TBC1D4)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using AS160 (Phospho-Thr642) Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using AS160 (Phospho-Thr642) Antibody. The picture on the right is treated with the synthesized peptide.