

AS160 (Phospho-Thr642) Rabbit mAb

Catalog No: #14291

Package Size: #14291-1 50ul #14291-2 100ul

Description

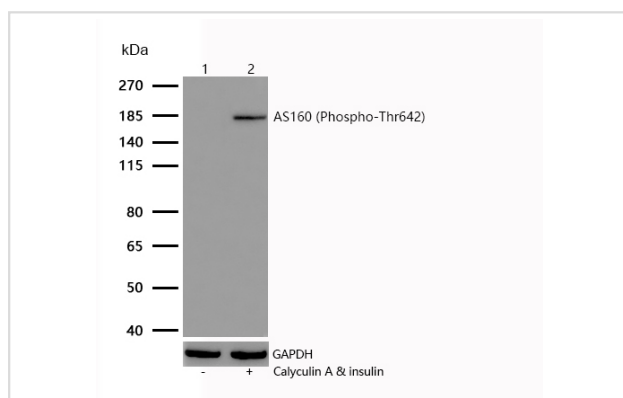
Product Name	AS160 (Phospho-Thr642) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR1272
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB,IHC
Species Reactivity	Human
Specificity	Phospho-AS160 (T642) Antibody detects endogenous levels of total Phospho-AS160 (T642)
Immunogen Description	A synthesized peptide derived from human Phospho-AS160 (T642)
Conjugates	Unconjugated
Accession No.	O60343
Calculated MW	Predicted band size: 147 kDa
SDS-PAGE MW	Observed band size: 180 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

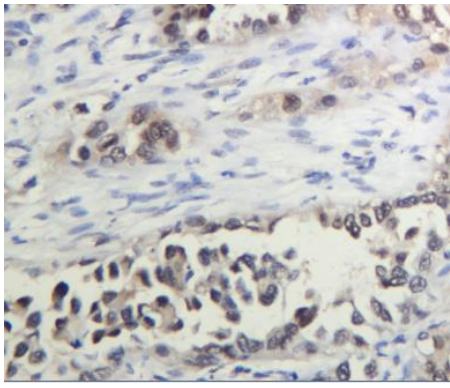
WB: 1:500-1:2000

IHC: 1:50-1:200

Images



All lanes : AS160 (Phospho-Thr642) Rabbit mAb at 1/1k dilution
Lane 1 : 293 whole cell lysates
Lane 2 : 293 treated with 100nM Calyculin A for 30min and then 100ng/ml Insulin was added for the last 20min ,whole cell lysates
Lysates/proteins at 20 µg per lane.
SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 147 kDa Observed band size: 180 kDa
Exposure time: 5 seconds



Formalin-fixed, paraffin-embedded human lung tissue stained for AS160 (Phospho-Thr642) using 14291 at 1/100 dilution in immunohistochemical analysis.

Background

May act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14. Isoform 2 promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.