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STRADB / ALS2CR2 Antibody (Internal)

Rabbit Polyclonal Antibody
Catalog # ALS11271

Specification

STRADB / ALS2CR2 Antibody (Internal) - Product Information

Application	**WB, IHC**
Primary Accession	Q9C0K7
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**47kDa KDa**

STRADB / ALS2CR2 Antibody (Internal) - Additional Information

Gene ID 55437

Other Names
STE20-related kinase adapter protein beta, STRAD beta, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 2 protein, CALS-21, ILP-interacting protein, Pseudokinase ALS2CR2, STRADB, ALS2CR2, ILPIP

Target/Specificity
synthetic peptide corresponding to amino acids near the center of human ILPIP

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
STRADB / ALS2CR2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

STRADB / ALS2CR2 Antibody (Internal) - Protein Information

Name STRADB

Synonyms ALS2CR2, ILPIP

Function
Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation (By similarity).

Cellular Location
Nucleus. Cytoplasm

Tissue Location

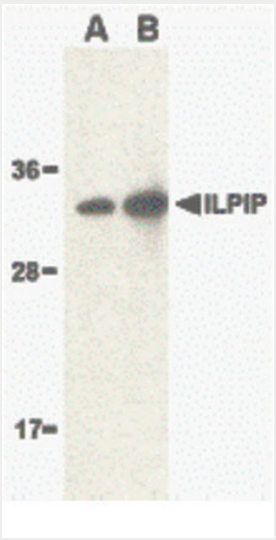
Highly expressed in heart, skeletal muscle, testis, liver and colon.

STRADB / ALS2CR2 Antibody (Internal) - Protocols

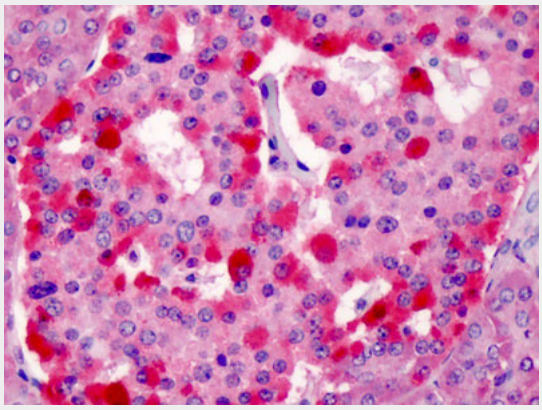
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

STRADB / ALS2CR2 Antibody (Internal) - Images



Western blot of ILPIP in human brain lysate with ILPIP antibody at (A) 1 and (B) 2 ug/ml.



Anti-STRADB antibody IHC of human pancreas.

STRADB / ALS2CR2 Antibody (Internal) - Background

Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta),

binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation (By similarity).

STRADB / ALS2CR2 Antibody (Internal) - References

Hadano S.,et al.Genomics 71:200-213(2001).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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