

STRADB / ALS2CR2 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12443**Specification**

STRADB / ALS2CR2 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	O9C0K7
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	47kDa KDa

STRADB / ALS2CR2 Antibody (C-Terminus) - 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

Human STRADB. This is expected to recognise both human isoforms: ILPIP-alpha (NP_061041.2) and ILPIP-beta (AAF71042.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

STRADB / ALS2CR2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

STRADB / ALS2CR2 Antibody (C-Terminus) - 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

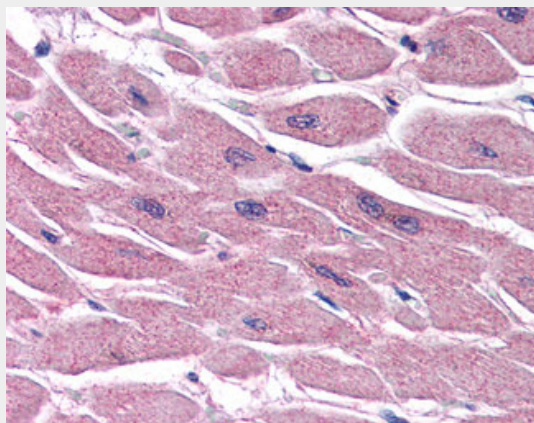
Tissue Location

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

STRADB / ALS2CR2 Antibody (C-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

STRADB / ALS2CR2 Antibody (C-Terminus) - Images

Anti-STRADB antibody IHC of human heart.

STRADB / ALS2CR2 Antibody (C-Terminus) - 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 (C-Terminus) - References

Hadano S., et al. Genomics 71:200-213(2001).
Sanna M.G., et al. J. Biol. Chem. 277:30454-30462(2002).
Zhang C., et al. Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 434:724-731(2005).