

SHROOM2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17830c**Specification**

SHROOM2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q13796](#)

SHROOM2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 357

Other Names

Protein Shroom2, Apical-like protein, Protein APXL, SHROOM2, APXL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SHROOM2 Antibody (Center) Blocking Peptide - Protein Information

Name SHROOM2

Synonyms APXL

Function

May be involved in endothelial cell morphology changes during cell spreading. In the retinal pigment epithelium, may regulate the biogenesis of melanosomes and promote their association with the apical cell surface by inducing gamma-tubulin redistribution (By similarity).

Cellular Location

Apical cell membrane. Cell junction, tight junction. Cytoplasm, cytoskeleton. Note=Associates with cortical F-actin.

Tissue Location

Abundant in retina and melanoma; also in brain, placenta, lung, kidney and pancreas

SHROOM2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SHROOM2 Antibody (Center) Blocking Peptide - Images

SHROOM2 Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene shares significant similarities with the apical protein from *Xenopus laevis* which is implicated in amiloride-sensitive sodium channel activity. This gene is a strong candidate gene for ocular albinism type 1 syndrome.

SHROOM2 Antibody (Center) Blocking Peptide - References

Wu, C., et al. Proteomics 7(11):1775-1785(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Dietz, M.L., et al. J. Biol. Chem. 281(29):20542-20554(2006) Hagens, O., et al. BMC Cell Biol. 7, 18 (2006) :