

LPAR6 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12707c**Specification**

LPAR6 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P43657](#)**LPAR6 Antibody (Center) Blocking peptide - Additional Information**

Gene ID 10161

Other Names

Lysophosphatidic acid receptor 6, LPA receptor 6, LPA-6, Oleoyl-L-alpha-lysophosphatidic acid receptor, P2Y purinoceptor 5, P2Y5, Purinergic receptor 5, RB intron encoded G-protein coupled receptor, LPAR6, P2RY5

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.

LPAR6 Antibody (Center) Blocking peptide - Protein Information

Name LPAR6

Synonyms P2RY5

Function

Binds to oleoyl-L-alpha-lysophosphatidic acid (LPA). Intracellular cAMP is involved in the receptor activation. Important for the maintenance of hair growth and texture.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed ubiquitously, including in skin and hair follicle cells. Detected in both Henle's and Huxley's layers of the inner root sheath of the hair follicle and in suprabasal layers of the epidermis (at protein level). Expressed at low levels in peripheral blood leukocytes.

LPAR6 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LPAR6 Antibody (Center) Blocking peptide - Images

LPAR6 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene belongs to the family of G-protein coupled receptors, that are preferentially activated by adenosine and uridine nucleotides. This gene aligns with an internal intron of the retinoblastoma susceptibility gene in the reverse orientation. Alternative splicing results in multiple transcript variants.

LPAR6 Antibody (Center) Blocking peptide - References

Pasternack, S.M., et al. Arch. Dermatol. Res. 301(8):621-624(2009) Yanagida, K., et al. J. Biol. Chem. 284(26):17731-17741(2009) Tariq, M., et al. Br. J. Dermatol. 160(5):1006-1010(2009) Shimomura, Y., et al. J. Invest. Dermatol. 129(3):622-628(2009) Dereure, O. Ann Dermatol Venereol 135(11):794-795(2008)