

KLHL24 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5238c**Specification**

KLHL24 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q6TFL4](#)**KLHL24 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 54800**Other Names**

Kelch-like protein 24, Kainate receptor-interacting protein for GluR6, KRIP6, Protein DRE1, KLHL24, DRE1

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.

KLHL24 Antibody (Center) Blocking peptide - Protein Information**Name** KLHL24**Synonyms** DRE1**Function**

Necessary to maintain the balance between intermediate filament stability and degradation, a process that is essential for skin integrity (PubMed:27889062). As part of the BCR(KLHL24) E3 ubiquitin ligase complex, mediates ubiquitination of KRT14 and controls its levels during keratinocytes differentiation (PubMed:27798626). Specifically reduces kainate receptor-mediated currents in hippocampal neurons, most probably by modulating channel properties (By similarity). Has a crucial role in cardiac development and function (PubMed:30715372).

Cellular Location

Perikaryon. Cell projection, axon {ECO:0000250|UniProtKB:Q56A24}. Cytoplasm {ECO:0000250|UniProtKB:Q56A24, ECO:0000269|PubMed:27889062}. Cell junction, desmosome. Cell junction, adherens junction

Tissue Location

Expressed in the skin (PubMed:27889062, PubMed:27798626). Found in keratinocytes, dermal fibroblasts, and melanocytes (PubMed:27889062). Basal-layer keratinocytes have lower KLHL24 expression than suprabasal keratinocytes (PubMed:27798626) Expressed in the brain, spinal cord, liver, testis, heart and at higher levels in the skeletal muscle (PubMed:30715372)

KLHL24 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KLHL24 Antibody (Center) Blocking peptide - Images