

Product datasheet

Pirin peptide ab45602

Overview

Product name Pirin peptide

Description

Nature Synthetic

Amino Acid Sequence

Sequence GSSKKVTLVLSRE-C

Amino acids 2 to 15

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45602** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-Pirin antibody ([ab21202](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

General Info

Function Possible transcriptional coregulator. May contribute to the regulation of cellular processes via its interaction with BCL3. May be required for efficient terminal myeloid maturation of hematopoietic cells. May play a role in the regulation of cell migration. May promote apoptosis when overexpressed. Has quercetin 2,3-dioxygenase activity (in vitro).

Tissue specificity Highly expressed in a subset of melanomas. Detected at very low levels in most tissues (at protein level). Expressed in all tissues, with highest level of expression in heart and liver.

Pathway Flavonoid metabolism; quercetin degradation.

Sequence similarities Belongs to the pirin family.

Cellular localization Nucleus. Cytoplasm. Predominantly localized in dot-like subnuclear structures. Cytoplasmic localization of PIR seems to positively correlate with melanoma progression.

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