

Product datasheet

Human EDD peptide ab23029

Overview

Product name Human EDD peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-LAIKTKNFGFV

Amino acids 2789 to 2799

Specifications

Our [Abpromise guarantee](#) covers the use of **ab23029** 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-EDD antibody ([ab4376](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

General Info

Function E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific amino-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation (By similarity). May be involved in maturation and/or transcriptional regulation of mRNA. May play a role in control of cell cycle progression. May have tumor suppressor function. Regulates DNA topoisomerase II binding protein (TopBP1) in the DNA damage response. Plays an essential role in extraembryonic development.

Tissue specificity Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and

	kidney.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. Contains 1 PABC domain. Contains 1 UBR-type zinc finger.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

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