

EID2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5633b**Specification**

EID2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q8N6I1](#)
Other Accession [NP_694964.3](#)

EID2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 163126

Other Names

EP300-interacting inhibitor of differentiation 2, EID-2, CREBBP/EP300 inhibitor 2, EID-1-like inhibitor of differentiation 2, EID2 {ECO:0000312|EMBL:AAH301373}

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.

EID2 Antibody (C-term) Blocking peptide - Protein Information

Name EID2 {ECO:0000312|EMBL:AAH30137.3}

Function

Interacts with EP300 and acts as a repressor of MYOD- dependent transcription and muscle differentiation. Inhibits EP300 histone acetyltransferase activity. Acts as a repressor of TGFB/SMAD transcriptional responses. May act as a repressor of the TGFB/SMAD3- dependent signaling by selectively blocking formation of TGFB-induced SMAD3-SMAD4 complex.

Cellular Location

Nucleus.

Tissue Location

Most abundantly expressed in placenta. Highly expressed in liver, brain, heart, skeletal muscle, and kidney

EID2 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

EID2 Antibody (C-term) Blocking peptide - Images

EID2 Antibody (C-term) Blocking peptide - Background

EID2 interacts with EP300 and acts as a repressor of MYOD-dependent transcription and muscle differentiation. Inhibits EP300 histone acetyltransferase activity. Acts as a repressor of TGFB/SMAD transcriptional responses. It may act as a repressor of the TGFB/SMAD3-dependent signaling by selectively blocking formation of TGFB-induced SMAD3-SMAD4 complex.

EID2 Antibody (C-term) Blocking peptide - References

Lee, H.J., et al. J. Biol. Chem. 279(4):2666-2672(2004)ji, A., et al. Gene 318, 35-43 (2003) :