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EIF4H Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP12612c

Specification

EIF4H Antibody (Center) Blocking peptide - Product Information

Primary Accession Q15056

EIF4H Antibody (Center) Blocking peptide - Additional Information

Gene ID 7458

Other Names
Eukaryotic translation initiation factor 4H, eIF-4H, Williams-Beuren syndrome chromosomal region 1 protein, EIF4H, KIAA0038, WBSCR1, WSCR1

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.

EIF4H Antibody (Center) Blocking peptide - Protein Information

Name EIF4H

Synonyms KIAA0038, WBSCR1, WSCR1

Function
Stimulates the RNA helicase activity of EIF4A in the translation initiation complex. Binds weakly mRNA.

Cellular Location
Cytoplasm, perinuclear region.

Tissue Location
The short isoform is the predominant isoform and is expressed alone in liver and skeletal muscle. Both isoforms are expressed in fibroblast, spleen, testis and bone marrow. Levels are high in lung and pancreas and low in heart, frontal cortex and kidney

EIF4H Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

EIF4H Antibody (Center) Blocking peptide - Images

EIF4H Antibody (Center) Blocking peptide - Background

This gene encodes one of the translation initiationfactors, which functions to stimulate the initiation of proteinsynthesis at the level of mRNA utilization. This gene is deleted inWilliams syndrome, a multisystem developmental disorder caused bythe deletion of contiguous genes at 7q11.23. Alternative splicingof this gene generates 2 transcript variants.

EIF4H Antibody (Center) Blocking peptide - References

Feng, T., et al. Hum. Genet. 128(3):269-280(2010)Zhu, X., et al. Genet. Epidemiol. 34(2):171-187(2010)Mokas, S., et al. Mol. Biol. Cell 20(11):2673-2683(2009)Marintchev, A., et al. Cell 136(3):447-460(2009)Rozovsky, N., et al. RNA 14(10):2136-2148(2008)