

EIF4H Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12612c**Specification**

EIF4H Antibody (Center) Blocking peptide - Product InformationPrimary 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

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 initiation factors, which functions to stimulate the initiation of protein synthesis at the level of mRNA utilization. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of 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)