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anti-EIF4H antibody (Middle Region)

2 Images



Go to Product page

Overview

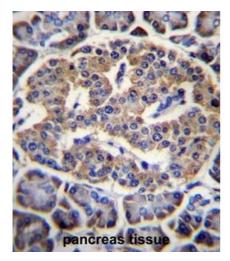
| Overview | |
|-----------------------------|---|
| Quantity: | 0.4 mL |
| Target: | EIF4H |
| Binding Specificity: | AA 126-156, Middle Region |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EIF4H antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |
| Product Details | |
| Immunogen: | KLH conjugated synthetic peptide between 126-156 amino acids from the Central region of human EIF4H |
| Isotype: | lg Fraction |
| Specificity: | This antibody reacts to EIF4H. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human. |
| Purification: | Affinity chromatography on Protein A |
| Target Details | |
| Target: | |
| raiget. | EIF4H |

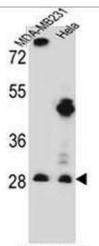
Target Details

Storage Comment:

| 9 | |
|---------------------|---|
| 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. Synonyms: Eukaryotic translation initiation factor 4H, KIAA0038, WSCR1, Williams-Beuren syndrome chromosomal region 1 protein, eIF-4H |
| Molecular Weight: | 27385 Da |
| Gene ID: | 7458 |
| NCBI Accession: | NP_071496 |
| Pathways: | SARS-CoV-2 Protein Interactome |
| Application Details | |
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS, 0.09 % (W/V) sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| 0. | |

Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. EIF4H Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of EIF4H Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. EIF4H Antibody (Center) western blot analysis in MDA-MB231,Hela cell line lysates (35µg/lane).This demonstrates the EIF4H antibody detected the EIF4H protein (arrow).