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Datasheet for ABIN1387384 **anti-HELT antibody (AA 156-220)**

Overview

Quantity:	100 µL
Target:	HELT
Binding Specificity:	AA 156-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HELT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HELT
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Horse,Rabbit,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	HELT
Alternative Name:	HELT (HELT Products)

Target Details

Background: Synonyms: Hairy and enhancer of split-related protein HELT, HCM1228, HELT, HELT_HUMAN, HES like , HES/HEY like transcription factor, HES/HEY-like transcription factor, HESL, Heslike , Hey like transcription factor, Hey like transcription factor zebrafish, Hey like transcriptional repressor, Megane bHLH factor, Mgn.

Background: The Drosophila hairy and Enhancer of split genes encode basic helix-loop-helix (bHLH) transcriptional repressors that function in the Notch signaling pathway and control segmentation and neural development during embryogenesis. The Notch signaling pathway is thought to maintain stem cells through transcriptional activation of HES/HEY family members to repress tissue-specific transcription factors. HESL (HES-like), also known as Mgn or HELT (HES/HEY-like transcription factor), is a 327 amino acid nuclear protein belonging to the HEY family. Containing a basic helix-loop-helix (bHLH) domain and an Orange domain, HESL self-associates and interacts with HES5 and HRT2. HESL is considered a transcriptional repressor that binds to the canonical E box sequence 5'-CACGCG-3'. HESL exists as two isoforms produced by alternative splicing events.

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months