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Datasheet for ABIN7151786

anti-EDC4 antibody (AA 753-952)

3 Images



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Quantity:	100 μg
Target:	EDC4
Binding Specificity:	AA 753-952
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDC4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Enhancer of mRNA-decapping protein 4 protein (753-952AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EDC4
Alternative Name:	EDC4 (EDC4 Products)
Background:	Background: In the process of mRNA degradation, seems to play a role in mRNA decapping. Component of a complex containing DCP2 and DCP1A which functions in decapping of ARE-
	Component of a complex containing Dot 2 and Dot 17. Willow talloctions in accupping of 7.11.2

Target Details

containing mRNAs. Promotes complex formation between DCP1A and DCP2. Enhances the	
catalytic activity of DCP2 (in vitro).	

Aliases: autoantigen antibody, Autoantigen Ge 1 antibody, Autoantigen Ge-1 antibody, Autoantigen Ge-1 antibody, Autoantigen RCD-8 antibody, Autoantigen RCD-8 antibody, Autoantigen RCD-8 antibody, EDC4_HUMAN antibody, Enhancer of mRNA decapping 4 antibody, Enhancer of mRNA-decapping protein 4 antibody, Ge 1 antibody, Hedls antibody, Human enhancer of decapping large subunit antibody, RCD-8 antibody

UniProt:

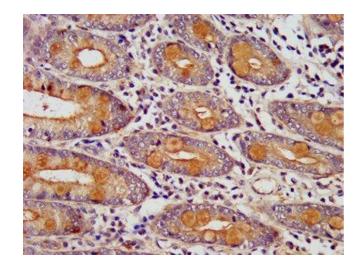
Q6P2E9

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

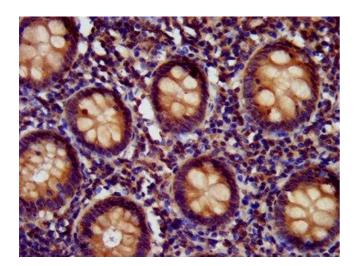
Handling

Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



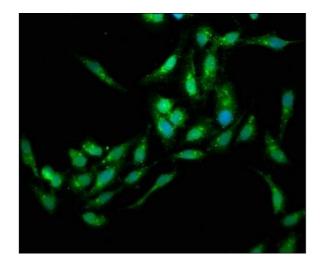
Immunohistochemistry

Image 1. IHC image of ABIN7151786 diluted at 1:400 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7151786 diluted at 1:400 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 3. Immunofluorescence staining of Hela cells with ABIN7151786 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).