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Datasheet for ABIN1387917  
**anti-Homeobox D13 antibody (AA 251-343)**

### Overview

Quantity:	100 µL
Target:	Homeobox D13 (HOXD13)
Binding Specificity:	AA 251-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Homeobox D13 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 HOXD13
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Homeobox D13 (HOXD13)
Alternative Name:	HOXD13 ( <a href="#">HOXD13 Products</a> )

## Target Details

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**Background:** Synonyms: HOXD13, BDE, BDSD, Homeo box 4l, Homeo box D13, Homeo box protein Hox D13, Homeo box protein HoxD13, Homeobox 4l, Homeobox D13, Homeobox protein Hox D13, Homeobox protein Hox-D13, Homeobox protein HoxD13, Homeobox4l, HomeoboxD13, Hox 4l, HOX D13, Hox-4.8, Hox4l, HOXD 13, HoxD13, SPD, HXD13\_HUMAN.

**Background:** The Hox proteins play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. HoxD13 is a sequence-specific transcription factor that provides cells with specific positional identities on the anterior-posterior axis of developing mammals. Defects in HoxD13 are the cause of synpolydactyly (SPD). SPD is a limb malformation that shows a characteristic manifestation in both hands and feet. This condition is inherited as an autosomal dominant trait with reduced penetrance. Defects in HoxD13 are also the cause of brachydactyly type D and type E.

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**Gene ID:** 3239

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**Pathways:** [Synaptic Membrane](#)

## Application Details

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**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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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## Handling

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