Datasheet for ABIN7599065

anti-HOXC12 antibody (AA 1-195)

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Overview

Quantity:	100 µg
Target:	HOXC12
Binding Specificity:	AA 1-195
Reactivity:	Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-HOXC12 Antibody Picoband®
Immunogen:	E.coli-derived human HOXC12 recombinant protein (Position: M1-N195).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-HOXC12 Antibody Picoband® (ABIN7599065). Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	HOXC12
Alternative Name:	HOXC12 (HOXC12 Products)
Background:	Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: Homeobox C12 is a protein that in humans is encoded by the HOXC12 gene. This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12.
Molecular Weight:	35 kDa
Gene ID:	3228
UniProt:	P31275

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse ELISA, 0.1-0.5 µg/mL, - 1. Kang, X. , Qi, Y. , Yong, Z. , Qi, W. , & Yeh, E. . (2010). Sumo-specific protease 2 is essential for suppression of polycomb group protein-mediated gene silencing during embryonic development. Molecular Cell, 38(2), 191-201. 2. Grier, D. G. , Thompson, A. , Lappin, T. , & Halliday, H. L. . (2009). Quantification of hox and surfactant protein-b transcription during murine lung development. Neonatology, 96(1), 50-60. 3. Katayama, K. , Furuno, A. , Akiyama, K. , Tsuji, T. , & Kunieda, T. . (2007). Characterization of chromosomal inversion of the mouse hairy ears (eh) mutation associated with cleft palate. Mammalian Genome, 18(4), 246-254.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.