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Datasheet for ABIN7155717  
**anti-HOXA4 antibody (AA 23-173)**

2 Images

Overview

Quantity:	100 µg
Target:	HOXA4
Binding Specificity:	AA 23-173
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Homeobox protein Hox-A4 protein (23-173AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	HOXA4
Alternative Name:	HOXA4 ( <a href="#">HOXA4 Products</a> )
Background:	Background: Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Binds

## Target Details

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to sites in the 5\'-flanking sequence of its coding region with various affinities. The consensus sequences of the high and low affinity binding sites are 5\'-TAATGA[CG]-3\' and 5\'-CTAATTTT-3\'.

Aliases: Dfd like protein antibody, Homeo box A4 antibody, Homeobox A4 antibody, Homeobox protein Hox-1.4 antibody, Homeobox protein Hox-1D antibody, Homeobox protein Hox-A4 antibody, Hox 1.4 like protein antibody, hox-1.4 antibody, hox-1d antibody, HOX1 antibody, HOX1D antibody, HOXA4 antibody, HXA4\_HUMAN antibody

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UniProt: [Q00056](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,

Restrictions: For Research Use only

## Handling

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Format: Liquid

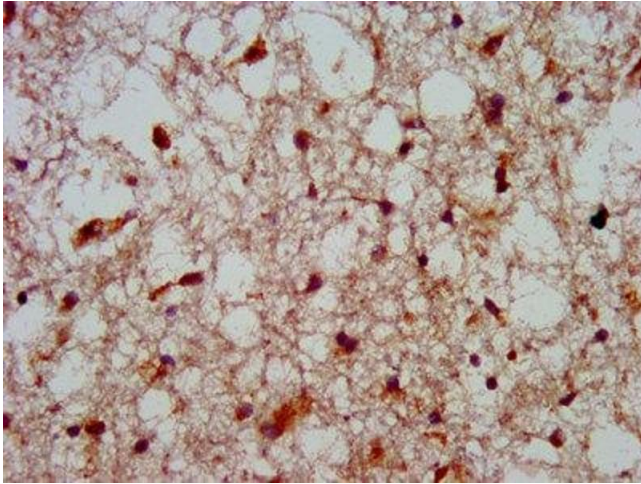
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

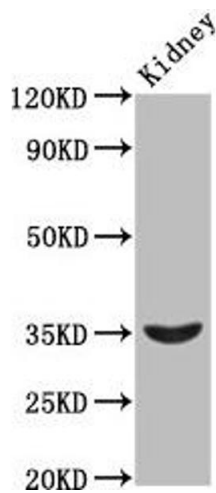
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** IHC image of ABIN7155717 diluted at 1:800 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ 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 30 min 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.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Rat kidney tissue All lanes: HOXA4 antibody at 2.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa