

Datasheet for ABIN7189784

**anti-ALX4 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	ALX4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALX4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of Human ALX4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

## Target Details

Target:	ALX4
Alternative Name:	ALX4 ( <a href="#">ALX4 Products</a> )
Background:	Background: This gene encodes a paired-like homeodomain transcription factor expressed in the mesenchyme of developing bones, limbs, hair, teeth, and mammary tissue. Mutations in this gene cause parietal foramina 2 (PFM2), an autosomal dominant disease characterized by deficient ossification of the parietal bones. Mutations in this gene also cause a form of

## Target Details

frontonasal dysplasia with alopecia and hypogonadism, suggesting a role for this gene in craniofacial development, mesenchymal-epithelial communication, and hair follicle development. Deletion of a segment of chromosome 11 containing this gene, del(11)(p11p12), causes Potocki-Shaffer syndrome (PSS), a syndrome characterized by craniofacial anomalies, mental retardation, multiple exostoses, and genital abnormalities in males. In mouse, this gene has been shown to use dual translation initiation sites located 16 codons apart.

Aliases: Alx4 antibody, ALX4\_HUMAN antibody, Aristaless like homeobox 4 antibody, CRS5 antibody, FND2 antibody, FPP antibody, homeobox protein aristaless like 4 antibody, Homeobox protein aristaless-like 4 antibody, homeodomain transcription factor ALX4 antibody, KIAA1788 antibody, PFM1 antibody, PFM2 antibody

UniProt: [Q9H161](#)

## Application Details

Application Notes: ELISA:1:1000-1:2000, IHC:1:25-1:100,

Restrictions: For Research Use only

## Handling

Format: Liquid

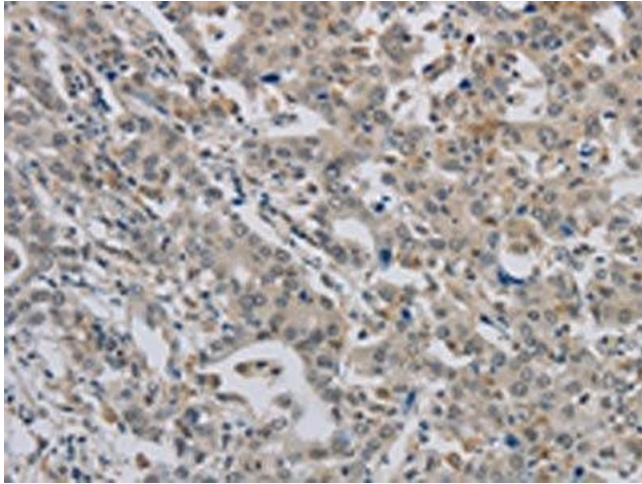
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

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

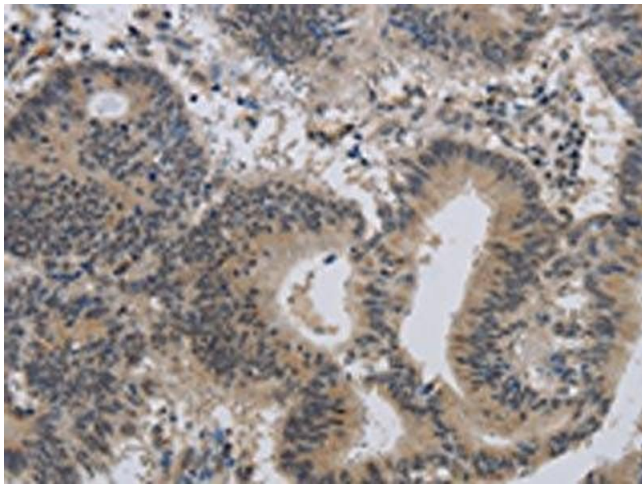
Storage: -20 °C, -80 °C

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



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ABIN7189784(ALX4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



#### Immunohistochemistry

**Image 2.** The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ABIN7189784(ALX4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)