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# anti-ATRAID antibody (Internal Region)

2 Images



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#### Overview

Quantity:	100 μL
Target:	ATRAID
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATRAID antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

### **Product Details**

Immunogen:	A synthesized peptide derived from human APR3, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	APR3 Antibody detects endogenous levels of total APR3.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## **Target Details**

Target:	ATRAID
Alternative Name:	ATRAID (ATRAID Products)

## **Target Details**

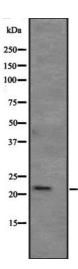
Background:	Description: Promotes osteoblast cell differentiation and terminal mineralization. Plays a role in
	inducing the cell cycle arrest via inhibiting CCND1 expression in all-trans-retinoic acid (ATRA)
	signal pathway.
	Gene: ATRAID
Molecular Weight:	22 kDa
Gene ID:	51374
UniProt:	Q6UW56

## **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

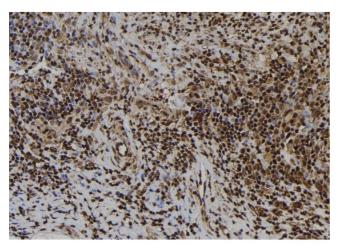
# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % 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
Expiry Date:	12 months



### **Western Blotting**

**Image 1.** Western blot analysis of APR3 expression in human kidney tissue lysate ,The lane on the left is treated with the antigen-specific peptide.



#### **Immunohistochemistry**

**Image 2.** ABIN6273425 at 1/100 staining Human spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.