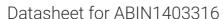
# antibodies -online.com





# anti-ORAI2 antibody (Alexa Fluor 647)



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Quantity:	100 μL
Target:	ORAI2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORAI2 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

# **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human Orai2	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

#### Target Details

rarget Details	
Target:	ORAI2
Alternative Name:	Orai2 (ORAI2 Products)
Background:	Synonyms: C7orf19, CAP binding protein complex interacting protein 2, CBCIP 2, CBCIP2, Chromosome 7 open reading frame 19, FLJ12474, FLJ14733, FLJ44818, H_NH0514P08.8, Orai 2, ORAI calcium release activated calcium modulator 2, Protein orai 2, TMEM 142B, TMEM142B, Transmembrane protein 142B.

### **Target Details**

Background: Orai2 is a 254 amino acid multi-pass membrane protein that belongs to the orai family of proteins. Localizing to the plasma membrane, Orai2 plays an important role in store-operated calcium (SOC) entry, a process involving Ca2+ influx and replenishment of Ca2+ stores formerly emptied through the action of inositol 1,4,5-trisphosphate production and other Ca2+ mobilizing agents. CRAC channels are responsible for medi-ating calcium influx in T-cells and play an important role in the immune response. Orai2 specifically increases the Ca2+-selective current through coaction with the Ca2+ sensor Stim1.

Gene ID:

80228

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL

Concentration: 1 μg/μL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months