

Datasheet for ABIN2784063  
**anti-ORAI2 antibody (Middle Region)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | ORAI2                                |
| Binding Specificity: | Middle Region                        |
| Reactivity:          | Human, Cow, Rabbit, Dog              |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This ORAI2 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human ORAI2                                          |
| Sequence:             | IELAWGFSTV LGILLFLAEV VLLCWIKFLP VDARRQPGPP PGP GSHTGWQ                                                                         |
| Predicted Reactivity: | Cow: 86%, Dog: 93%, Human: 100%, Rabbit: 79%                                                                                    |
| Characteristics:      | This is a rabbit polyclonal antibody against ORAI2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified                                                                                                               |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | ORAI2                                    |
| Alternative Name: | ORAI2 ( <a href="#">ORAI2 Products</a> ) |

## Target Details

Background: ORAI2 is a multi-pass membrane protein, and it belongs to the Orai family. It is a Ca(2+) release-activated Ca(2+)-like (CRAC-like) channel subunit which mediates Ca(2+) influx and increase in Ca(2+)-selective current by synergy with the Ca(2+) sensor, STIM1.

Alias Symbols: C7orf19, CBCIP2, FLJ12474, FLJ14733, TMEM142B, MEM142B

Protein Interaction Partner: COPS6, MED31, SETDB1, UNC119, GDF9,

Protein Size: 254

Molecular Weight: 28 kDa

Gene ID: 80228

NCBI Accession: [NM\\_032831](#), [NP\\_116220](#)

UniProt: [Q96SN7](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 254 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

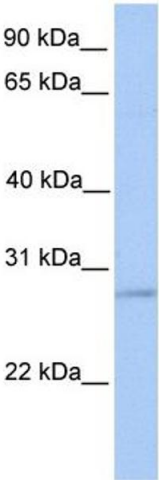
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-ORAI2 Antibody Titration: 0.2-1 ug/ml Positive Control: MCF7 cell lysate