

Datasheet for ABIN4997707

**anti-BTN2A1 antibody (AA 101-200) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                 |
| Target:              | BTN2A1                                                                                                                 |
| Binding Specificity: | AA 101-200                                                                                                             |
| Reactivity:          | Human                                                                                                                  |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This BTN2A1 antibody is conjugated to HRP                                                                              |
| Application:         | ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human BTN2A1 |
| Isotype:          | IgG                                                        |
| Cross-Reactivity: | Human                                                      |
| Purification:     | Purified by Protein A.                                     |

## Target Details

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Target:           | BTN2A1                                                            |
| Alternative Name: | BTN2A1 ( <a href="#">BTN2A1 Products</a> )                        |
| Background:       | Synonyms: Butyrophilin subfamily 2 member A1, BTN2A1, BT2.1, BTF1 |

## Target Details

Background: This gene encodes a member of the immunoglobulin superfamily. The gene is located in a cluster of butyrophilin-like genes in the juxta-telomeric region of the major histocompatibility complex on chromosome 6. A pseudogene of this gene has been identified in this cluster. The encoded protein is an integral plasma membrane protein involved in lipid, fatty-acid, and sterol metabolism. Alterations in this gene may be associated with several disease states including metabolic syndrome. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

|           |                                                |
|-----------|------------------------------------------------|
| Gene ID:  | 11120                                          |
| UniProt:  | <a href="#">Q7KYR7</a>                         |
| Pathways: | <a href="#">Activated T Cell Proliferation</a> |

## Application Details

|                    |                                    |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only              |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| 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                                                                                                          |