

Datasheet for ABIN6243534  
**anti-GBA2 antibody (AA 593-623)**[Go to Product page](#)

## 1 Image

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 200 µL                              |
| Target:              | GBA2                                |
| Binding Specificity: | AA 593-623                          |
| Reactivity:          | Human, Mouse                        |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This GBA2 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | This GBA2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 593-623 amino acids from the Central region of human GBA2. |
| Clone:                | RB55138  |
| Isotype:              | Ig Fraction  |
| Predicted Reactivity: | Rat  |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GBA2                                   |
| Alternative Name: | GBA2 ( <a href="#">GBA2 Products</a> ) |

## Target Details

**Background:** Non-lysosomal glucosylceramidase that catalyzes the conversion of glucosylceramide (GlcCer) to free glucose and ceramide. Involved in sphingomyelin generation and prevention of glycolipid accumulation. May also catalyze the hydrolysis of bile acid 3-O-glucosides, however, the relevance of such activity is unclear in vivo. Plays a role in central nervous system development. Required for proper formation of motor neuron axons.

**Molecular Weight:** 104649

**UniProt:** [Q9HCG7](#)

## Application Details

**Application Notes:** WB: 1:2000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

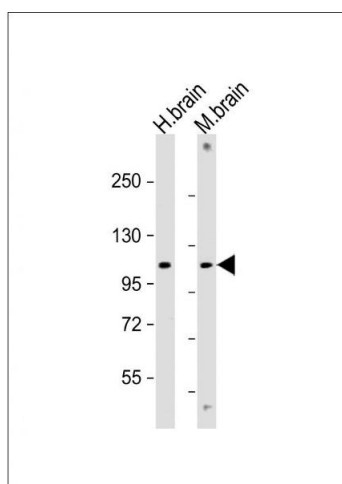
**Preservative:** Sodium azide

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

**Storage:** 4 °C,-20 °C

**Expiry Date:** 6 months

## Images



### Western Blotting

**Image 1.** All lanes : Anti-GBA2 Antibody (Center) at 1:2000 dilution Lane 1: human brain lysate Lane 2: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 105 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.