

Datasheet for ABIN5007256

**anti-NAB2 antibody (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|              |                                                     |
|--------------|-----------------------------------------------------|
| Quantity:    | 100 µL                                              |
| Target:      | NAB2                                                |
| Reactivity:  | Human, Mouse, Rat                                   |
| Host:        | Rabbit                                              |
| Clonality:   | Polyclonal                                          |
| Conjugate:   | This NAB2 antibody is conjugated to AbBy Fluor® 680 |
| Application: | Western Blotting (WB)                               |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NAB2 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Mouse                                                    |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit                 |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | NAB2                                                                                                                                                                             |
| Alternative Name: | NAB2/ MADER ( <a href="#">NAB2 Products</a> )                                                                                                                                    |
| Background:       | Synonyms: EGR 1 binding protein 2, EGR-1-binding protein 2, EGR1 binding protein 2, MADER, Melanoma associated delayed early response protein, Melanoma-associated delayed early |

Target Details

response protein, MGC75085, Nab 2, nab2, NAB2\_HUMAN, NGFI A binding protein 2 EGR1 binding protein 2, NGFI A binding protein 2, NGFI-A-binding protein 2, Protein MADER.

Background: Transcriptional control is in part regulated by interactions between DNA-bound transcription factors, such as Egr-1/NGFI-A, and coregulatory proteins, such as NAB (for NGFI-A-binding proteins). The evolutionarily conserved NAB proteins, NAB1 and NAB2 are corepressors of EGF-1/NGFI-A. Both NAB1 and NAB2 contain an amino terminal NAB conserved domain 1 (NCB1), which is required for binding NGFI-A, and a carboxy terminal NCD2 domain, which is responsible for the repressor function of NAB proteins. NAB2 is principally localized in the nucleus and may play a role in the downregulation of NGFI-A activity as well as in controlling fundamental processes such as cell division, differentiation and apoptosis. NAB2 localizes to chromosome 12q13.3-14.1, a region that is rearranged in several solid tumors, lipomas, and liposarcomas.

Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200    |
| 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. |
| Storage:         | -20 °C                                                                                                      |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                           |
| Expiry Date:     | 12 months                                                                                                   |