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# NIF1 Antibody
**Purified Rabbit Polyclonal Antibody**
**Catalog # ABV11556**

## Specification

### NIF1 Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q9H4Z2 |
| Other Accession | BAG59529 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **144893** |

### NIF1 Antibody - Additional Information

**Gene ID** 63925

**Other Names**
NIF1, NIF-1, Nuclear Receptor Coactivator-Interacting Factor 1, ZNF335, Zinc Finger 335

**Target/Specificity**
NIF1

**Formulation**
100 µg (0.5mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

**Handling**
The antibody solution should be gently mixed before use.

**Background Descriptions**

**Precautions**
NIF1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### NIF1 Antibody - Protein Information

**Name** ZNF335

**Function**
Component or associated component of some histone methyltransferase complexes may regulate transcription through recruitment of those complexes on gene promoters (PubMed:<a href="http://www.uniprot.org/citations/19131338" target="_blank">19131338</a>, PubMed:<a href="http://www.uniprot.org/citations/23178126" target="_blank">23178126</a>). Enhances ligand-dependent transcriptional activation by nuclear hormone receptors (PubMed:<a

href="http://www.uniprot.org/citations/12215545" target="_blank">12215545</a>, PubMed:<a href="http://www.uniprot.org/citations/18180299" target="_blank">18180299</a>, PubMed:<a href="http://www.uniprot.org/citations/19131338" target="_blank">19131338</a>). Plays an important role in neural progenitor cell proliferation and self-renewal through the regulation of specific genes involved brain development, including REST (PubMed:<a href="http://www.uniprot.org/citations/23178126" target="_blank">23178126</a>). Also controls the expression of genes involved in somatic development and regulates, for instance, lymphoblast proliferation (PubMed:<a href="http://www.uniprot.org/citations/23178126" target="_blank">23178126</a>).

**Cellular Location**
Nucleus.

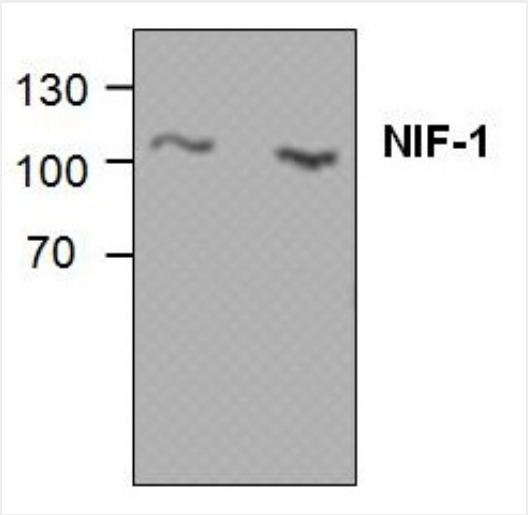
**Tissue Location**
Ubiquitously expressed.

## NIF1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## NIF1 Antibody - Images




Western blot analysis of NIF-1 in Jurkat cell lysate

## NIF1 Antibody - Background

NRC-Interacting Factor 1 (NIF1) interacts with the nuclear receptor transcriptional coactivator NRC and enhances ligand-dependent transcriptional activation by nuclear hormone receptors as well as c-Fos and c-Jun. NIF1 may function to influence chromatin structure.