




## Product datasheet

### Anti-AMID antibody ab219986

1 Image

#### Overview

|                     |   |
|---------------------|---|
| Product name        | Anti-AMID antibody  |
| Description         | Rabbit polyclonal to AMID   |
| Host species        | Rabbit  |
| Tested applications | <b>Suitable for:</b> ICC/IF   |
| Species reactivity  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat, Cow   |
| Immunogen           | Recombinant fragment corresponding to Human AMID aa 1-200.<br>Database link: <a href="#">Q9BRQ8</a><br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>  |
| Positive control    | HepG2 cells.  |
| General notes       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### Properties

|                      |   |
|----------------------|---|
| Form                 | Liquid  |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer       | pH: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)                         |
| Purity               | Immunogen affinity purified   |
| Clonality            | Polyclonal  |
| Isotype              | IgG   |

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab219986 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes                                  |
|-------------|-----------|--|
| ICC/IF      |           | Use a concentration of 0.25 - 2 µg/ml. |

## Target

### Function

Oxidoreductase, which may play a role in mediating a p53/TP53-dependent apoptosis response. Probable oxidoreductase that acts as a caspase-independent mitochondrial effector of apoptotic cell death. Binds to DNA in a sequence-independent manner. May contribute to genotoxin-induced growth arrest.

### Tissue specificity

Detected in most normal tissues as two transcripts of 1.8 and 4.0 kb in length, respectively. Highly expressed in heart, moderately in liver and skeletal muscles, and expressed at low levels in placenta, lung, kidney, and pancreas. Both transcripts expressed following p53/TP53 induction. The shorter 1.8 kb transcript seems to be the major transcript in EB1 colon cancer cells.

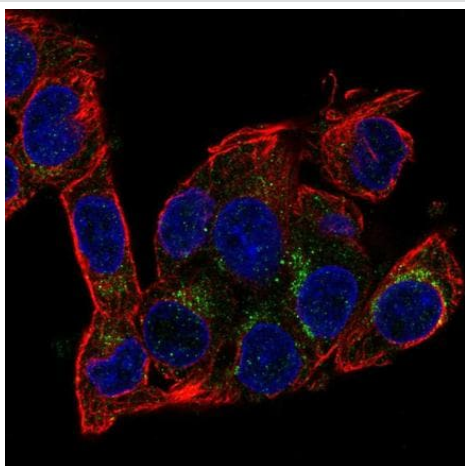
### Sequence similarities

Belongs to the FAD-dependent oxidoreductase family.

### Cellular localization

Cytoplasm. Mitochondrion outer membrane.

## Images



Immunofluorescent analysis of HepG2 cells (PFA-fixed/Triton X-100 permeabilized) labeling AMID with ab219986 at 4 µg/ml (green).

Immunocytochemistry/ Immunofluorescence - Anti-AMID antibody (ab219986)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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