# Cleaved-Caspase 1 (Asp296), p20 Antibody

<table>
<thead>
<tr>
<th>Cat.#: AF4005</th>
<th>Concns.: 1mg/ml</th>
<th>Mol.Wt.: 20kDa</th>
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<tbody>
<tr>
<td>Size: 50μl, 100μl, 200μl</td>
<td>Source: Rabbit</td>
<td>Clonality: Polyclonal</td>
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**Application:**

**Reactivity:**
- Human, Mouse, Rat

**Purification:**
The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

**Specificity:**
Cleaved-Caspase-1 (Asp296, p20) Antibody detects endogenous levels of fragment of activated Caspase-1 resulting from cleavage adjacent to Asp296.

**Immunogen:**
The antiserum was produced against synthesized peptide derived from human Caspase 1.

**Uniprot:**
P29466

**Storage Condition and Buffer:**
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20°C. Stable for 12 months from date of receipt.

**Western blot analysis of Cleaved Caspase-1 (Asp296) using Jurkat whole cell lysates**

**AF4005 at 1/100 staining Rat skin tissue by IHC-P.** The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.
AF4005 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

AF4005 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.