

## Cleaved Caspase-1 (Asp296) /P20 Ab

Cat.#: AF4005

Size: 50ul,100ul,200ul

Concn.: 1mg/ml

Source: Rabbit

Mol.Wt.: 20kDa

Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

Reactivity: Human, Mouse, Rat

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

Specificity: Caspase 1 (p20, Cleaved-Asp296) Ab 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.

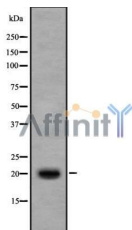
Uniprot: P29466

Subcellular Location: Cytoplasm.

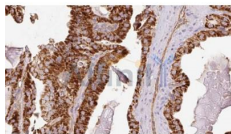
Tissue Specificity: Expressed in larger amounts in spleen and lung. Detected in liver, heart, small intestine, colon, thymus, prostate, skeletal muscle, peripheral blood leukocytes, kidney and testis. No expression in the brain.

Similarity: Belongs to the peptidase C14A family.

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 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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

**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.

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