

Caspase 4 antibody

Cat. No. GTX134552

| | |
|-------------|-------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Application | WB, IHC-P |
| Reactivity | Human, Mouse, Rat |

Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| IHC-P | Assay dependent |

Not tested in other applications.

Calculated MW 43 kDa. ([Note](#))

PROPERTIES

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1.12 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Caspase 4. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

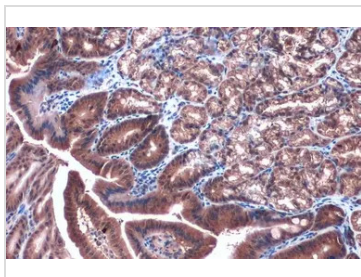
Note

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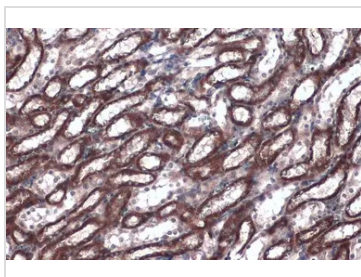
DATA IMAGES

GTX134552 IHC-P Image

Caspase 4 antibody detects Caspase 4 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse duodenum.

Caspase 4 stained by Caspase 4 antibody (GTX134552) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

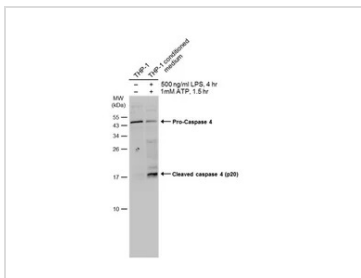

GTX134552 IHC-P Image

Caspase 4 antibody detects Caspase 4 protein at cytoplasm by immunohistochemical analysis.

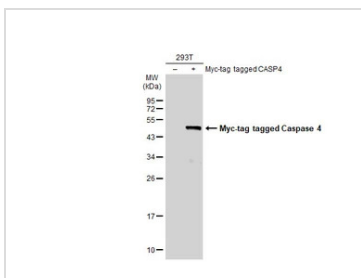
Sample: Paraffin-embedded rat kidney.

Caspase 4 stained by Caspase 4 antibody (GTX134552) diluted at 1:1000.

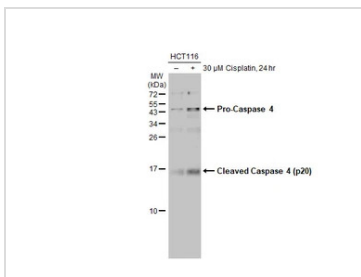
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX134552 WB Image

THP-1 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Caspase 4 (cleaved Gln81) antibody (GTX134552) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX134552 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Caspase 4 antibody (GTX134552) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX134552 WB Image

Untreated (–) and treated (+) HCT-116 whole cell extract (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Caspase 4 antibody (GTX134552) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



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