

## Rabbit CHOP Polyclonal Antibody | anti-CHOP antibody

CHOP Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS         |
|-----------|--------|-------------------|----------------------|
| AAA174403 | Rabbit | Human, Mouse, Rat | Immunohistochemistry |

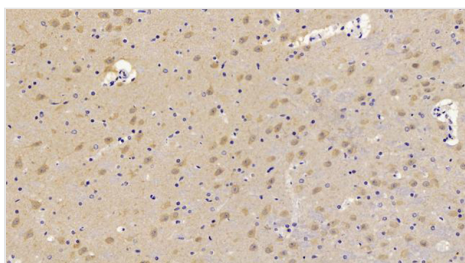
### PRODUCT SYNONYMS

CHOP; Polyclonal Antibody; CHOP Polyclonal Antibody; C/EBP homologous protein; C/EBP Homology Protein; C/EBP zeta; C/EBP-homologous protein 10; C/EBP-homologous protein; CCAAT/enhancer binding protein homologous protein; CEBPZ; CHOP 10; CHOP-10; CHOP10; DDIT 3; DDIT-3; Ddit3; DDIT3; DNA Damage Inducible Transcript 3; DNA damage-inducible transcript 3 protein; GADD 153; GADD153; Growth Arrest and DNA Damage Inducible Protein 153; Growth arrest and DNA damage inducible protein GADD153; Growth arrest and DNA damage-inducible protein GADD153; MGC4154; anti-CHOP antibody

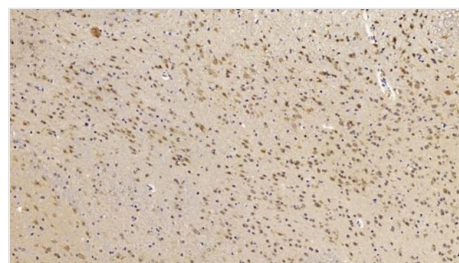
### PRODUCT SPECIFICATIONS

|                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| Host                                           | Rabbit                                                        |
| Reactivity                                     | Human, Mouse, Rat                                             |
| Clonality                                      | Polyclonal                                                    |
| Isotype                                        | IgG                                                           |
| Purity/Purification                            | Affinity Purification                                         |
| Form/Format                                    | PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol. |
| Concentration                                  | 1 mg/mL (varies by lot)                                       |
| Sequence Length                                | 34                                                            |
| Applicable Applications for anti-CHOP antibody | IHC (Immunohistochemistry)                                    |
| Immunogen                                      | KLH conjugated synthetic peptide corresponding to Mouse CHOP  |
| Conjugation                                    | Unconjugated                                                  |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.              |

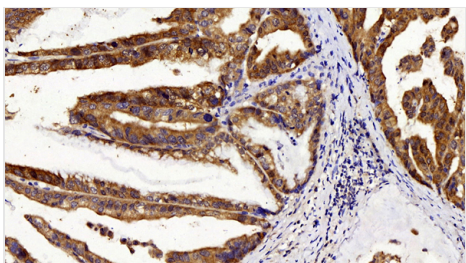
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Rat brain using CHOP Polyclonal Antibody at dilution of 1:300.

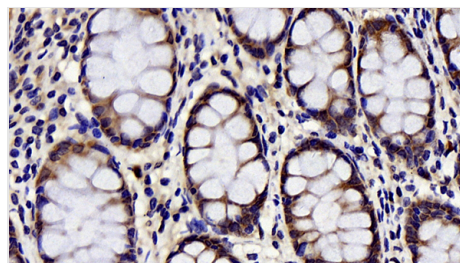

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded mouse brain using CHOP Polyclonal Antibody at dilution of 1:300.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human stomach cancer using CHOP Polyclonal Antibody at dilution of 1:300.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon using CHOP Polyclonal Antibody at dilution of 1:300.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CHOP antibody</b> | CHOP, also known as GADD153 or DDIT3, is a highly conserved gene in both the structural and regulatory regions to hamster gene. Imposed by unfolded and misfolded proteins, CHOP is significantly induced by ER stress, deficiency of CHOP prevents cell from ER stress. CHOP is considered a proapoptotic marker of ER stress dependent cell death. CHOP acts as a dominant-negative inhibitor of the transcription factor C/EBP and LAP by forming a heterodimer. It may play an important role in the malignant transformation of nevus to melanoma. |
| <b>Product Categories/Family for anti-CHOP antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Epigenetics and Nuclear Signaling</a> ; <a href="#">Metabolism</a> ; <a href="#">Developmental biology</a> ; <a href="#">Stem cells</a>                                                                                                                                                                                                                                                                                                                                                                            |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">304282225</a>                                                |
| <b>NCBI GeneID</b>                      | <a href="#">1649</a>                                                     |
| <b>NCBI Accession #</b>                 | <a href="#">NP_001181982.1</a>                                           |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_001195053.1</a>                                           |
| <b>UniProt Accession #</b>              | <a href="#">P35638</a> ; <a href="#">F8VS99</a> ; <a href="#">P0DPQ6</a> |
| <b>Molecular Weight</b>                 | 4,284 Da                                                                 |
| <b>NCBI Official Full Name</b>          | DNA damage-inducible transcript 3 protein isoform 1                      |
| <b>NCBI Official Synonym Full Names</b> | DNA damage inducible transcript 3                                        |
| <b>NCBI Official Symbol</b>             | DDIT3                                                                    |
| <b>NCBI Official Synonym Symbols</b>    | CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; AltDDIT3; C/EBPzeta               |
| <b>NCBI Protein Information</b>         | DNA damage-inducible transcript 3 protein                                |
| <b>UniProt Protein Name</b>             | DNA damage-inducible transcript 3 protein                                |
| <b>UniProt Gene Name</b>                | <b>DDIT3</b>                                                             |
| <b>UniProt Synonym Gene Names</b>       | CHOP; CHOP10; GADD153; DDIT-3; CHOP; CHOP-10                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chop-antibody-immunohistochemistry-elisa/174403>