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# HEBP2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13181a

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q9Y5Z4 |
| **Other Accession** | Q9WU63, NP_055135.1 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB32811 |
| **Calculated MW** | 22875 |
| **Antigen Region** | 18-47 |

## Additional Information

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| **Gene ID** | 23593 |
| **Other Names** | Heme-binding protein 2, Placental protein 23, PP23, Protein SOUL, HEBP2, C6orf34, SOUL |
| **Target/Specificity** | This HEBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-47 amino acids from the N-terminal region of human HEBP2. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | HEBP2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | HEBP2 |
| **Synonyms** | C6orf34, SOUL |

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| **Function** | Can promote mitochondrial permeability transition and facilitate necrotic cell death under different types of stress conditions. |
| **Cellular Location** | Cytoplasm. Mitochondrion. Note=Mainly localized to the cytoplasm with a much lower abundance in the mitochondrion |
| **Tissue Location** | Detected in placenta.. |

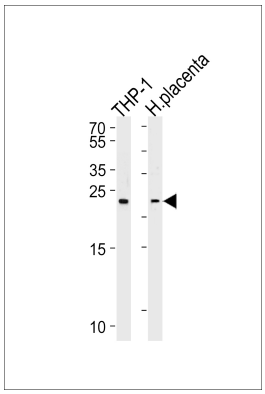
## Background

HEBP2 can promote mitochondrial permeability transition and facilitate necrotic cell death under different types of stress conditions.

## References

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Freire, F., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 65 (PT 7), 723-726 (2009) :
Szigeti, A., et al. FEBS Lett. 580(27):6447-6454(2006)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)
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## Images




Western blot analysis of lysates from THP-1 cell line and human placenta tissue lysates (from left to right), using HEBP2 Antibody (N-term)(Cat. #AP13181a). AP13181a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.