

Datasheet for ABIN1944852

anti-Cytochrome C1 antibody (AA 142-176)

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Overview

Quantity:	400 µL
Target:	Cytochrome C1 (CYC1)
Binding Specificity:	AA 142-176
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome C1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This CYC1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 142-176 amino acids from the Central region of human CYC1.
Clone:	RB48502
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Cytochrome C1 (CYC1)
Alternative Name:	CYC1 (CYC1 Products)

Target Details

Background:	This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.
Molecular Weight:	35422
Gene ID:	1537
UniProt:	P08574

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

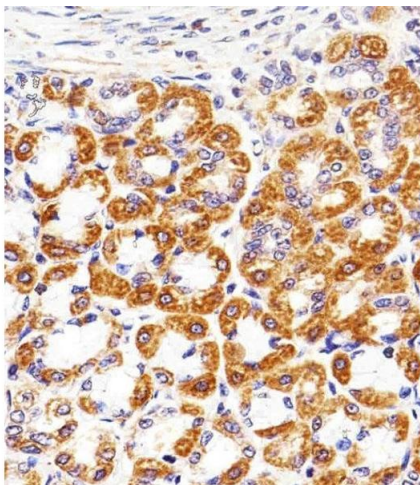
Publications

Product cited in:	<p>Yahata, Takedatsu, Dunwoodie, Bragança, Swingler, Withington, Hur, Coser, Isselbacher, Bhattacharya, Shioda: "Cloning of mouse Cited4, a member of the CITED family p300/CBP-binding transcriptional coactivators: induced expression in mammary epithelial cells." in: Genomics, Vol. 80, Issue 6, pp. 601-13, (2002) (PubMed).</p> <p>Meier, Koedood, Philipp, Fontana, Mitchell: "Alternative mRNAs encode multiple isoforms of transcription factor AP-2 during murine embryogenesis." in: Developmental biology, Vol. 169, Issue 1, pp. 1-14, (1995) (PubMed).</p> <p>Moser, Pscherer, Bauer, Imhof, Seegers, Kerscher, Buettner: "The complete murine cDNA</p>
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sequence of the transcription factor AP-2." in: **Nucleic acids research**, Vol. 21, Issue 20, pp. 4844, (1993) ([PubMed](#)).

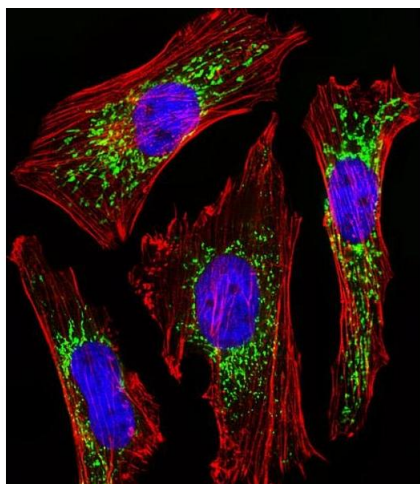
Mitchell, Timmons, Hébert, Rigby, Tjian: "Transcription factor AP-2 is expressed in neural crest cell lineages during mouse embryogenesis." in: **Genes & development**, Vol. 5, Issue 1, pp. 105-19, (1991) ([PubMed](#)).

Images



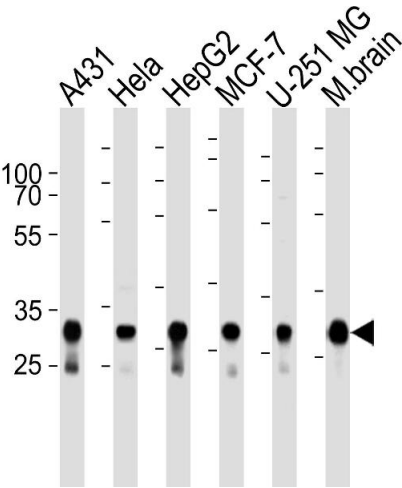
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded R. stomach section using CYC1 Antibody (Center) (ABIN1944852 and ABIN2838554). (ABIN1944852 and ABIN2838554) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunofluorescence

Image 2. Fluorescent image of HeLa cells stained with CYC1 Antibody (Center) (ABIN1944852 and ABIN2838554). (ABIN1944852 and ABIN2838554) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DI was used to stain the cell nuclear (blue). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western Blotting

Image 3. Western blot analysis of lysates from A431, Hela, HepG2, MCF-7, U-251 MG cell lines and mouse brain tissue lysate (from left to right), using CYC1 Antibody (Center) (ABIN1944852 and ABIN2838554). (ABIN1944852 and ABIN2838554) 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 35 µg per lane.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1944852.