



Datasheet for ABIN1944892

anti-Phenylalanine Hydroxylase antibody (AA 127-161)



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Overview

Quantity:	400 µL
Target:	Phenylalanine Hydroxylase
Binding Specificity:	AA 127-161
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Phenylalanine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PAH antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 127-161 amino acids from the Central region of human PAH.
Clone:	717CT21-1-1
Isotype:	IgG1 kappa
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Phenylalanine Hydroxylase
Alternative Name:	PAH (Phenylalanine Hydroxylase Products)

Target Details

Target Type: Chemical

Molecular Weight: 51862

Gene ID: 5053

UniProt: [P00439](#)

Application Details

Application Notes: 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 monoclonal 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

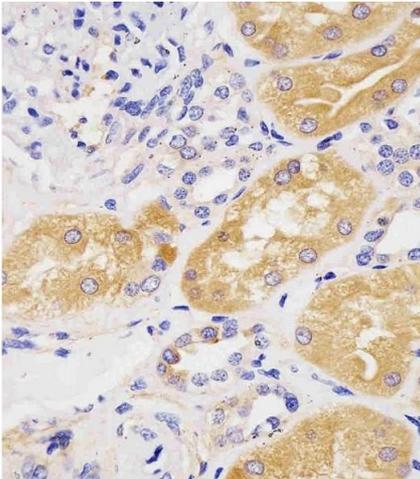
Product cited in:

Humphray, Oliver, Hunt, Plumb, Loveland, Howe, Andrews, Searle, Hunt, Scott, Jones, Ainscough, Almeida, Ambrose, Ashwell, Babbage, Babbage, Bagguley, Bailey, Banerjee, Barker, Barlow, Bates, Beasley et al.: "DNA sequence and analysis of human chromosome 9. ..." in: **Nature**, Vol. 429, Issue 6990, pp. 369-74, (2004) ([PubMed](#)).

Liu, Meakin: "ShcB and ShcC activation by the Trk family of receptor tyrosine kinases." in: **The Journal of biological chemistry**, Vol. 277, Issue 29, pp. 26046-56, (2002) ([PubMed](#)).

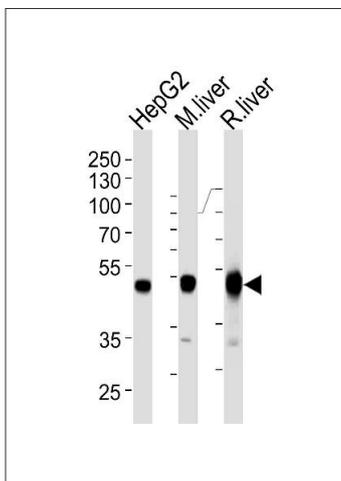
Nakamura, Sanokawa, Sasaki, Ayusawa, Oishi, Mori: "N-Shc: a neural-specific adapter molecule that mediates signaling from neurotrophin/Trk to Ras/MAPK pathway." in: **Oncogene**, Vol. 13, Issue 6, pp. 1111-21, (1996) ([PubMed](#)).

Pelicci, Dente, De Giuseppe, Verducci-Galletti, Giuli, Mele, Vetriani, Giorgio, Pandolfi, Cesareni, Pelicci: "A family of Shc related proteins with conserved PTB, CH1 and SH2 regions." in: **Oncogene**, Vol. 13, Issue 3, pp. 633-41, (1996) ([PubMed](#)).



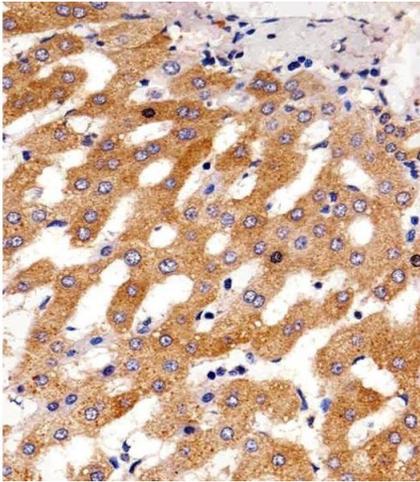
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN1944892 and ABIN2838534) staining H in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysates from HepG2 cell line and mouse liver rat liver tissue lysates (from left to right) using H Antibody (Center) (ABIN1944892 and ABIN2838534). (ABIN1944892 and ABIN2838534) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemical analysis of paraffin-embedded H. liver section using H Antibody (Center) (ABIN1944892 and ABIN2838534). (ABIN1944892 and ABIN2838534) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1944892.