

Datasheet for ABIN1881403

**anti-Hemoglobin, epsilon 1 (HBe1) (AA 55-83) antibody**

5 Images

3 Publications

[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Hemoglobin, epsilon 1 (HBe1)
Binding Specificity:	AA 55-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This HBE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-83 amino acids from the Central region of human HBE1.
Clone:	RB41552
Isotype:	Ig Fraction
Predicted Reactivity:	Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Hemoglobin, epsilon 1 (HBe1)
---------	------------------------------

## Target Details

Alternative Name:	HBE1 ( <a href="#">HBe1 Products</a> )
Target Type:	Viral Protein
Background:	The epsilon globin gene (HBE) is normally expressed in the embryonic yolk sac: two epsilon chains together with two zeta chains (an alpha-like globin) constitute the embryonic hemoglobin Hb Gower I, two epsilon chains together with two alpha chains form the embryonic Hb Gower II. Both of these embryonic hemoglobins are normally supplanted by fetal, and later, adult hemoglobin. The five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon - G-gamma - A-gamma - delta - beta-3'
Molecular Weight:	16203
NCBI Accession:	<a href="#">NP_005321</a>
UniProt:	<a href="#">P02100</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:8000. IHC-P-Leica: 1:500. FC: 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:	Hyrskyluoto, Bruelle, Lundh, Do, Kivinen, Rappou, Reijonen, Waltimo, Petersén, Lindholm, Korhonen: "Ubiquitin-specific protease-14 reduces cellular aggregates and protects against mutant huntingtin-induced cell degeneration: involvement of the proteasome and ER stress-activated kinase IRE1?." in: <b>Human molecular genetics</b> , Vol. 23, Issue 22, pp. 5928-39, (2014) ( <a href="#">PubMed</a> ).
-------------------	--

Davila, Froeling, Tan, Bonnard, Boland, Snippe, Hibberd, Seielstad: "New genetic associations detected in a host response study to hepatitis B vaccine." in: **Genes and immunity**, Vol. 11, Issue 3, pp. 232-8, (2010) ([PubMed](#)).

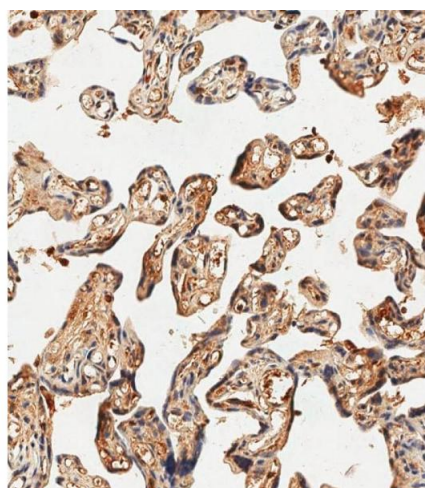
Chen, Qin, Li, Walters, Wilson, Mei, Wilson: "The proteasome-associated deubiquitinating enzyme Usp14 is essential for the maintenance of synaptic ubiquitin levels and the development of neuromuscular junctions." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 29, Issue 35, pp. 10909-19, (2009) ([PubMed](#)).

Nagai, Kadowaki, Maruyama, Takeda, Nishitoh, Ichijo: "USP14 inhibits ER-associated degradation via interaction with IRE1alpha." in: **Biochemical and biophysical research communications**, Vol. 379, Issue 4, pp. 995-1000, (2009) ([PubMed](#)).

Mines, Goodwin, Limbird, Cui, Fan: "Deubiquitination of CXCR4 by USP14 is critical for both CXCL12-induced CXCR4 degradation and chemotaxis but not ERK activation." in: **The Journal of biological chemistry**, Vol. 284, Issue 9, pp. 5742-52, (2009) ([PubMed](#)).

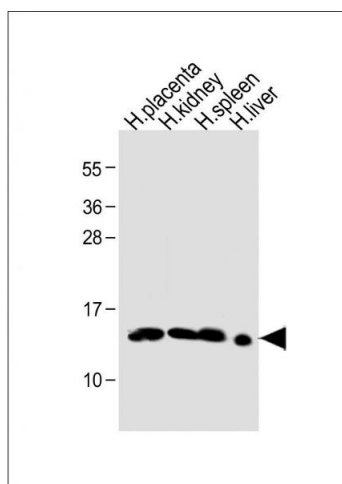
## Images

---



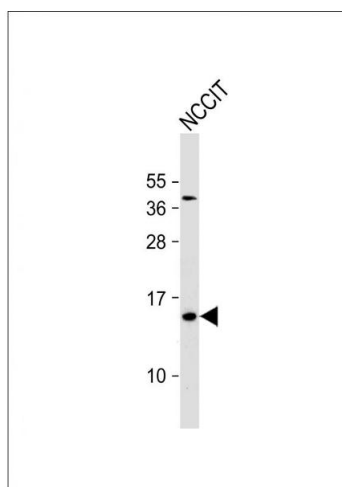
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffin-embedded human placenta tissue using (ABIN1881403 and ABIN2838826) performed on the Leica® BOND RXm. Samples were incubated with primary Antibody (1/500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



#### Western Blotting

**Image 2.** All lanes : Anti- HBE1 Antibody (Center) at 1:1000 dilution Lane 1: human placenta lysate Lane 2: human kidney lysate Lane 3: human spleen lysate Lane 4: human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



#### Western Blotting

**Image 3.** Anti- HBE1 Antibody (Center) at 1:1000 dilution + NCCIT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1881403.