Datasheet for ABIN3119693

Haptoglobin Protein (HP) (Phenotype 1-1)

1 Image 2 Publications

Go to Product page

Overview

Quantity:	1 mg
Target:	Haptoglobin (HP)
Protein Characteristics:	Phenotype 1-1
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Cross-Reactivity (Details):	no visible alpha-2 light chain by SDS-PAGE
Purity:	>95 %

Target Details

Target:	Haptoglobin (HP)
Alternative Name:	Haptoglobin (HP Products)
Background:	Hp1-1,HPR, transporter
Molecular Weight:	Hp 1-1 86,000
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	For use in: SDS

 Copyright antibodies-online. All rights reserved.

Application Details

Comment:	Extinction Coefficient: 1.20
Restrictions:	For Research Use only

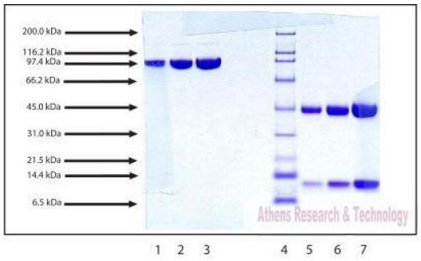
Handling

Format:	Lyophilized
Storage:	-20 °C
Storage Comment:	-20°C

Publications

Product cited in:	Fatunmbi, Abzalimov, Savinov, Gershenson, Kaltashov: "Interactions of Haptoglobin with Monomeric Globin Species: Insights from Molecular Modeling and Native Electrospray Ionization Mass Spectrometry." in: **Biochemistry**, Vol. 55, Issue 12, pp. 1918-28, (2016) (PubMed). Chen-Roetling, Regan: "Haptoglobin increases the vulnerability of CD163-expressing neurons to hemoglobin." in: **Journal of neurochemistry**, Vol. 139, Issue 4, pp. 586-595, (2016) (PubMed).

Images



SDS-PAGE:
4-12% Bis-Tris-HCl NuPAGE gel
Invitrogen, CAT #NP0335BOX with 1X MES running buffer without Antioxidant

1. Haptoglobin - 5 µg (non-reduced / no heat)
2. Haptoglobin - 10 µg (non-reduced / no heat)
3. Haptoglobin - 20 µg (non-reduced / no heat)
4. BMW Standard (BIO-RAD Cat. No. 161-0317)
5. Haptoglobin - 5 µg (reduced / heated)
6. Haptoglobin - 10 µg (reduced / heated)
7. Haptoglobin - 20 µg (reduced / heated)

SDS-PAGE

Image 1. Gel Scan of Haptoglobin, Phenotype 1-1, Human Plasma This information is representative of the product ART prepares, but is not lot specific.