



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-Haptoglobin Antibody (HRP)

**Product Number:** AC21-2603-14

## Overview

**Host Species:** Goat

**Clonality:** Polyclonal

**Purity:** Affinity purified using the immunizing peptide. The affinity purified antibody is then conjugated to horseradish peroxidase (HRP) which is an enzyme that has wide applications due to its ability to oxidize substrates into colored substrates (DAB, ABTS, or

**Conjugate:** HRP

## Physical Characteristics

**Amount:** 0.05 mg

**Volume:** 0.1 ml

**Concentration:** 0.5 mg/ml

**Buffer:** 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Storage:** Aliquot and store at -20°C. Minimize freezing and thawing.

## Specificity

**Tested Species Reactivity:** Human

**Predicted Species Reactivity:** Human

**Negative Species Reactivity:** Unknown

**Immunogen:** Haptoglobin antibody (HRP) was raised against a synthetic peptide of Haptoglobin. The Haptoglobin peptide immunogen had the following sequence: QCKNYKLRTEGD Anti-haptoglobin antibody (HRP) is expected to recognize both reported isoforms (NP\_005134.1; NP\_

**Blocking Peptide:** Haptoglobin peptide, catalog number AC21-2603-P, is the immunizing peptide for this product and can be used as a negative control to block antibody (HRP) binding in a competition or adsorption assay.

## Target Information

**Accession Number(s):** NP\_005134.1, NP\_001119574.1

**Gene ID Number(s):** 3240 (human)

**Alternative Names:** binding peptide; BP; haptoglobin; haptoglobin alpha(1S)-beta; haptoglobin alpha(2FS)-beta; haptoglobin; alpha polypeptide; haptoglobin; beta polypeptide; HP2ALPHA2; HPA1S; MGC111141; HP



## Application Details

**Tested Applications:** ELISA, WB

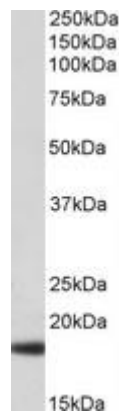
**ELISA:** Detection limit dilution 1:32000.

**Western Blot:** Recommended starting concentration for western blot is 0.01-0.03 $\mu$ g/ml.

**Immunohistochemistry:** n/a

**Immunocytochemistry:** n/a

## Product Images



Western blot using haptoglobin antibody (unconjugated) (0.01 $\mu$ g/ml) to detect endogenous haptoglobin in human liver lysate (35 $\mu$ g total protein in RIPA buffer).