



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-HOXD12 Antibody (Biotin)

**Product Number:** AC21-2785-07

## Overview

**Host Species:** Goat

**Clonality:** Polyclonal

**Purity:** Affinity purified using the immunizing peptide. The affinity purified antibody is then conjugated to biotin, also known as vitamin B7, vitamin H, or coenzyme R, which is a small molecule which has an extremely high affinity for avidin and streptavidin.

**Conjugate:** Biotin

## 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, pH 7.3 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:** HOXD12 antibody (Biotin) was raised against a synthetic peptide of HOXD12. The HOXD12 peptide immunogen had the following sequence: C-PTAKDGP EEGAK

**Blocking Peptide:** HOXD12 peptide, catalog number AC21-2785-P, is the immunizing peptide for this product and can be used as a negative control to block antibody (Biotin) binding in a competition or adsorption assay.

## Target Information

**Accession Number(s):** NP\_067016.3

**Gene ID Number(s):** 3238 (human)

**Alternative Names:** Homeobox protein Hox D12; Homeobox protein Hox-4H; Homeobox protein Hox-D12; Hox 4.7, mouse, homolog of; Hox 4H; HOX4H; HOXD12; HXD12\_HUMAN



## Application Details

**Tested Applications:** ELISA, WB

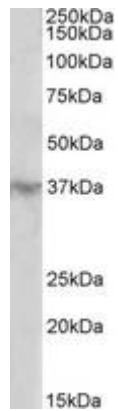
**ELISA:** Detection limit dilution 1:1000

**Western Blot:** Recommended starting concentration for western blot is 2-3 $\mu$ g/ml.

**Immunohistochemistry:** n/a

**Immunocytochemistry:** n/a

## Product Images



Western blot using HOXD12 antibody (unconjugated) (2 $\mu$ g/ml) to detect endogenous HOXD12 in human heart lysate (35 $\mu$ g total protein in RIPA buffer).