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- Mindermengenzuschlag
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- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

SOX12 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00006666-B01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human SOX12 protein.

Immunogen: SOX12 (NP_008874.2, 1 a.a. ~ 315 a.a) full-length human protein.

Sequence:
 MVQQRGARAARDGGPPPPGPGPAEEGAREPGWCKTPSGHIKRPMNAF
 MVWSQHERRKIMDQWPDMMHNAEISKRLGRRWQLLQDSEKIPFVREAER
 LRLKHMADYPDYKYRPRKSKGAPAKARPRPPGGSGGSSRLKPGPQLP
 GRGGRAAGGPLGGAAAPEDDDDEELLEVRLVETPGRELWRMV
 PAGRAARGQAERAQGSPGEGAAAAAASPTPSEDEEPEEEEEAAAAE
 EGEEETVASGEESLGLSRLPPGPAGLDCSALDRPDLQPPSGTSHFE
 FPDYCTPEVTEMIAGDWRPSSIADLVFTY

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Publication Reference

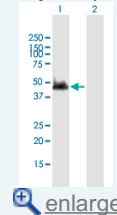
1. [Amyloid precursor protein regulates neurogenesis by antagonizing miR-574-5p in the developing cerebral cortex.](#)
 Zhang W, Thevapriya S, Kim PJ, Yu WP, Shawn Je H, King Tan E, Zeng L Nat Commun. 2014 Mar 3;5:3330. doi: 10.1038/ncomms4330.

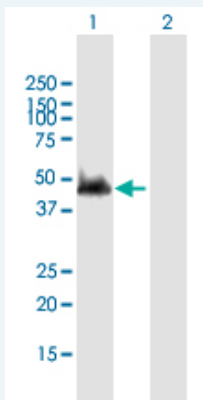
Applications

Western Blot (Transfected lysate)

Application Image

Western Blot (Transfected lysate)





Western Blot analysis of SOX12 expression in transfected 293T cell line ([H00006666-T01](#)) by SOX12 MaxPab polyclonal antibody.

Lane1:SOX12 transfected lysate(34.65 KDa).
Lane2:Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [6666](#)

GeneBank Accession#: [NM_006943.2](#)

Protein Accession#: [NP_008874.2](#)

Gene Name: SOX12

Gene Alias: SOX22

Gene Description: SRY (sex determining region Y)-box 12

Omim ID: [601947](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Members of the SOX family of transcription factors are characterized by the presence of a DNA-binding high mobility group (HMG) domain, homologous to the HMG box of sex-determining region Y (SRY). Forming a subgroup of the HMG domain superfamily, SOX proteins have been implicated in cell fate decisions in a diverse range of developmental processes. SOX transcription factors have diverse tissue-specific expression patterns during early development and have been proposed to act as target-specific transcription factors and/or as chromatin structure regulatory elements. The protein encoded by this gene was identified as a SOX family member based on conserved domains and its expression in various tissues suggests a role in both differentiation and maintenance of several cell types. [provided by RefSeq]

Other Designations: SOX-22 protein,SRY (sex determining region Y)-box 22,SRY-related HMG-box gene 22