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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- 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) 

SHOX2 monoclonal antibody (M01), clone 1D1

Catalog # : H00006474-M01

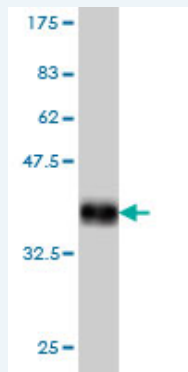
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant SHOX2.
Immunogen:	SHOX2 (NP_006875, 117 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SPELKDRKDDAKGMEDEGQTKIKQRRSRTNFTLEQLNELERLFDETHYP DAFMREELSQRLLGLSEARVQVWFQNRRAKCRKQENQLHK
Host:	Mouse
Reactivity:	Human, Rat
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.42 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

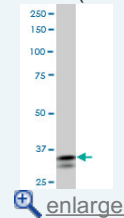
Datasheet: [Download](#)

Applications

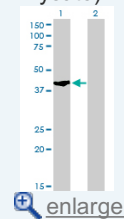
Western Blot (Cell lysate)

Application Image

Western Blot (Cell lysate)

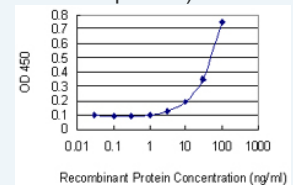


Western Blot (Transfected lysate)



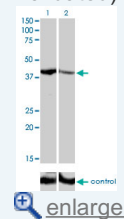
Western Blot (Recombinant protein)

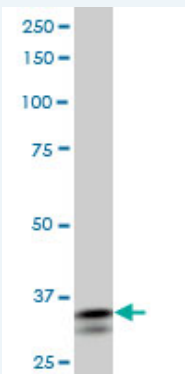
Sandwich ELISA (Recombinant protein)



ELISA

RNAi Knockdown (Antibody validated)

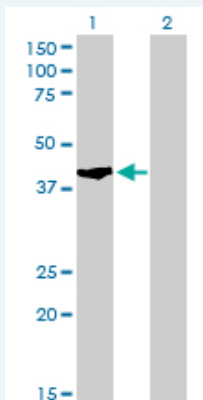




SHOX2 monoclonal antibody (M01), clone 1D1 Western Blot analysis of SHOX2 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of SHOX2 expression in transfected 293T cell line by SHOX2 monoclonal antibody (M01), clone 1D1.

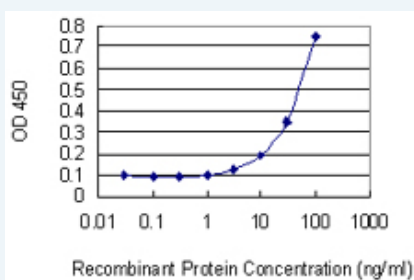
Lane 1: SHOX2 transfected lysate(37.6 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

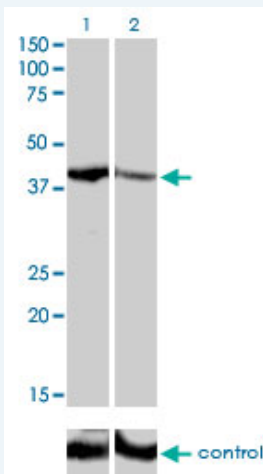


Detection limit for recombinant GST tagged SHOX2 is 1 ng/ml as a capture antibody.


[Protocol Download](#)

ELISA

RNAi Knockdown (Antibody validated)



Western blot analysis of SHOX2 over-expressed 293 cell line, cotransfected with SHOX2 Validated Chimera RNAi (Cat # H00006474-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SHOX2 monoclonal antibody (M01), clone 1D1 (Cat # H00006474-M01). GAPDH (36.1 kDa) used as specificity and loading control.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [6474](#)

GeneBank [NM_006884](#)

Accession#:

Protein [NP_006875](#)

Accession#:

Gene Name: SHOX2

Gene Alias: OG12,OG12X,OGI2X,SHOT

Gene Description: short stature homeobox 2

Omim ID: [602504](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the homeobox family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeobox genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeobox genes. This locus represents a pseudoautosomal homeobox gene that is thought to be responsible for idiopathic short stature, and it is implicated in the short stature phenotype of Turner syndrome patients. This gene is considered to be a candidate gene for Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations: SHOX homologous gene on chromosome 3, short stature homeobox homolog