

SOX12 rabbit monoclonal antibody

Catalog # H00006666-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SOX12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SOX12 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SOX12 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SOX12

Entrez GeneID [6666](#)

GeneBank Accession# [SOX12](#)

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