

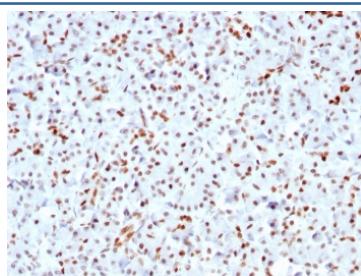
Recombinant SOX9 Antibody [clone SOX9/3141R] (V8091)

Catalog No.	Formulation	Size
V8091-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8091-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8091SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

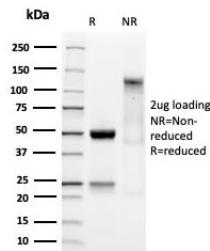
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	SOX9/3141R
Purity	Protein A affinity chromatography
UniProt	P48436
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant SOX9 antibody is available for research use only.



IHC staining of FFPE human pancreas with recombinant SOX9 antibody (clone SOX9/3141R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



Description

Sox genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. SOX9 plays an important role in the normal skeletal development. It may regulate the expression of other genes involved in chondrogenesis by acting as a transcription factor for these genes.

Application Notes

Optimal dilution of the recombinant SOX9 antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein (amino acids 393-508) was used as the immunogen for the recombinant SOX9 antibody.

Storage

Store the recombinant SOX9 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).