

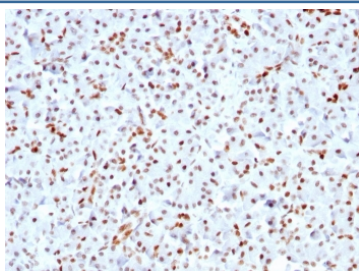
Recombinant SOX9 Antibody [clone SOX9/3141R] (V8091)

| 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 |

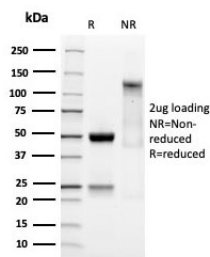
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| 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.



SDS-PAGE analysis of purified, BSA-free SOX9 antibody as confirmation of integrity and purity.

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).