

Product Datasheet

ORAI3 Antibody - BSA Free

NBP1-93523

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 4

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Updated 9/9/2025 v.20.1

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NBP1-93523

ORAI3 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

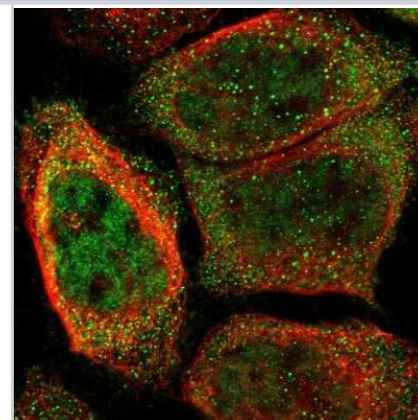
Description	Novus Biologicals Rabbit ORAI3 Antibody - BSA Free (NBP1-93523) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ORAI3 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	93129
Gene Symbol	ORAI3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: APLDTPTPMVPTSRVPGTLAPVATSLSPASNLPRSSASAAPSQAEPACPPRQA CGGGGAHGPGWQA

Product Application Details

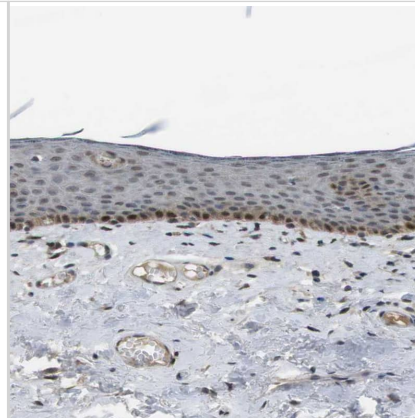
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 25126575). , Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

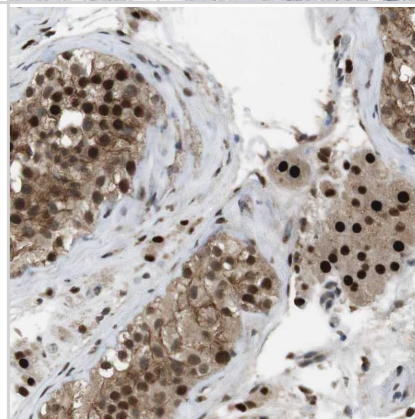
Immunocytochemistry/Immunofluorescence: ORAI3 Antibody [NBP1-93523] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



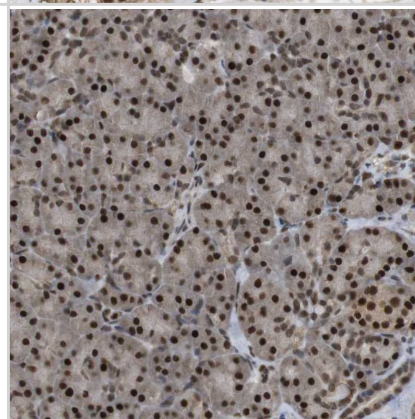
Staining of human skin shows moderate cytoplasmic positivity in basal squamous epithelial cells.



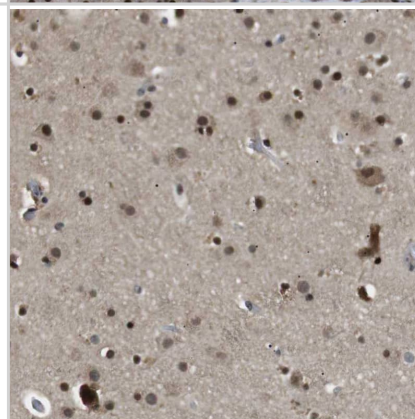
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts and Leydig cells.



Staining of human pancreas shows strong nuclear positivity in exocrine glandular cells.



Staining of human cerebral cortex shows strong nuclear positivity in glial cells and neurons.



Publications

Angulo J, Fernández A, Sevilleja-Ortiz A et al. Upregulation of Orai Channels Contributes to Aging-Related Vascular Alterations in Rat Coronary Arteries International Journal of Molecular Sciences 2023-08-29 [PMID: 37686206]

Sevilleja-Ortiz A, El Assar M, García-Rojo E Et al. Ageing-induced hypercontractility is related to functional enhancement of STIM/Orai and upregulation of Orai 3 in rat and human penile tissue Mech Ageing Dev 2021-10-26 [PMID: 34699858] (IF/IHC, Human, Rat)

Details:

Citation using the HRP version of this antibody.

Dragoni S, Turin I, Laforenza U et al. Store-Operated Ca²⁺ Entry Does Not Control Proliferation in Primary Cultures of Human Metastatic Renal Cellular Carcinoma. Biomed Res Int 2014-01-01 [PMID: 25126575] (WB, Human)

Dragoni S, Laforenza U, Bonetti E et al. Enhanced Expression of Stim, Orai, and TRPC Transcripts and Proteins in Endothelial Progenitor Cells Isolated from Patients with Primary Myelofibrosis. PLoS One 2014-01-01 [PMID: 24603752]





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Products Related to NBP1-93523

NBP1-93523PEP	ORAI3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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