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Datasheet for ABIN214752

anti-FOXA3 antibody (AA 201-250)

3 Images

Overview

Quantity:	50 µg
Target:	FOXA3
Binding Specificity:	AA 201-250
Reactivity:	Human, Dog, Cow, Guinea Pig, Rabbit, Zebrafish (Danio rerio), Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa201-250 of human FOXA3 (P55318, NP_004488). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Elephant, Panda, Dog, Bovine, Pig, Opossum, Guinea pig (100%), Mouse, Rat, Horse (92%), Rabbit (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human FOXA3
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine (100%) Mouse, Rat, Horse (92%), Rabbit (84%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: FOXA3

Alternative Name: FOXA3 ([FOXA3 Products](#))

Background: Name/Gene ID: FOXA3
Family: Transcription factor

Synonyms: FOXA3, Forkhead box A3, HNF-3G, HNF3G, HNF-3-gamma, Forkhead box protein A3, TCF3G, TCF-3G, FKHH3, Transcription factor 3G

Gene ID: 3171

NCBI Accession: [NP_004488](#)

UniProt: [P55318](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

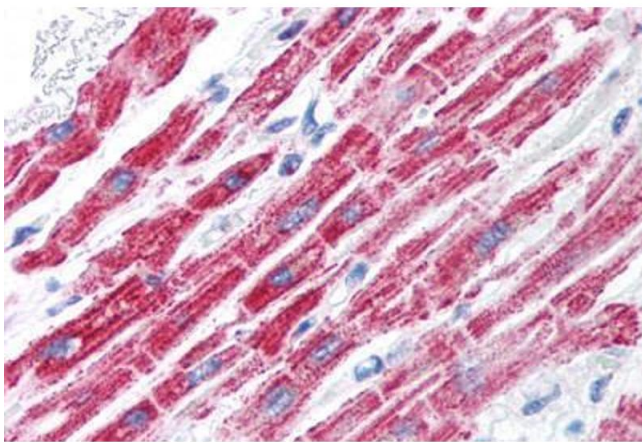
Reconstitution: Distilled water

Concentration: Lot specific

Handling

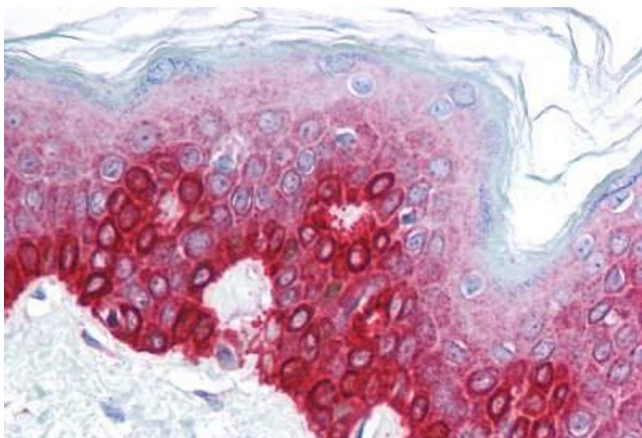
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



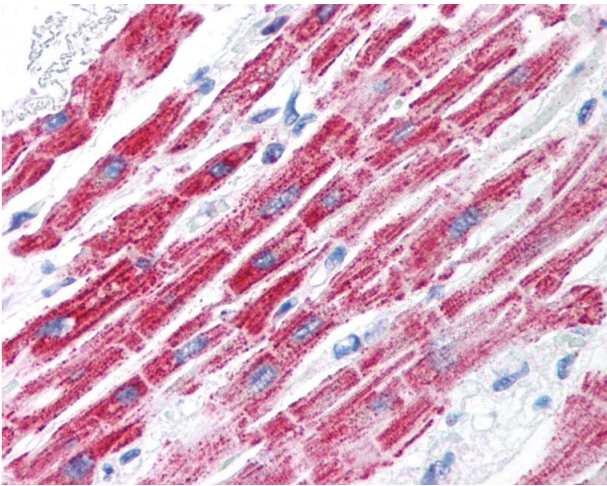
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Heart (formalin-fixed, paraffin-embedded) stained with FOXA3 antibody ABIN214752 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Skin (formalin-fixed, paraffin-embedded) stained with FOXA3 antibody ABIN214752 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-FOXA3 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...