

FOXD3 Antibody (aa211-260)
Rabbit Polyclonal Antibody
Catalog # ALS14786**Specification**

FOXD3 Antibody (aa211-260) - Product Information

Application	WB, IHC
Primary Accession	O9UJU5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

FOXD3 Antibody (aa211-260) - Additional Information**Gene ID** 27022**Other Names**

Forkhead box protein D3, HNF3/FH transcription factor genesis, FOXD3, HFH2

Target/Specificity

FOXD3 Antibody detects endogenous levels of total FOXD3 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

FOXD3 Antibody (aa211-260) is for research use only and not for use in diagnostic or therapeutic procedures.

FOXD3 Antibody (aa211-260) - Protein Information**Name** FOXD3**Synonyms** HFH2**Function**

Binds to the consensus sequence 5'-A[AT]T[AG]TTTGTTT-3' and acts as a transcriptional repressor (PubMed:11891324). Also acts as a transcriptional activator (PubMed:11891324). Negatively regulates transcription of transcriptional repressor RHIT/ZNF205 (PubMed:22306510). Promotes development of neural crest cells from neural tube progenitors (PubMed:11891324). Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation (PubMed:11891324). Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages

of embryogenesis (PubMed:11891324).

Cellular Location

Nucleus.

Tissue Location

Expressed in chronic myeloid leukemia, Jurkat T- cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined.

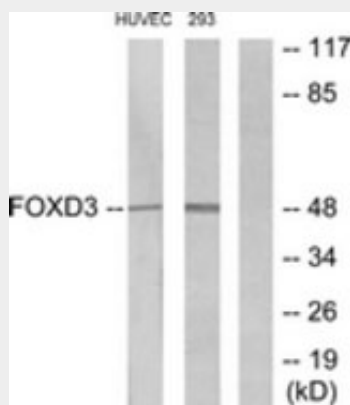
Volume

50 µl

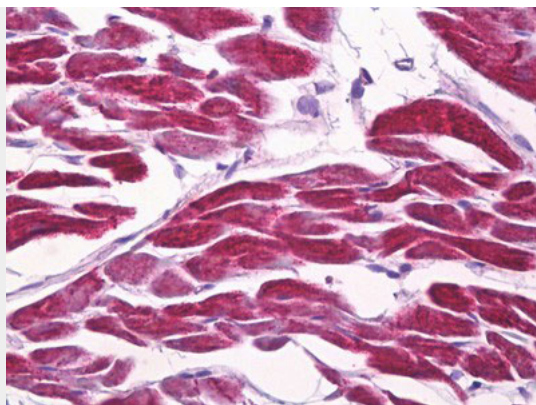
FOXD3 Antibody (aa211-260) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOXD3 Antibody (aa211-260) - Images

Western blot of extracts from HUVEC/293 cells, using FOXD3 Antibody.



Anti-FOXD3 antibody IHC of human heart.

FOXD3 Antibody (aa211-260) - Background

Binds to the consensus sequence 5'-A[AT]T[AG]TTTGTTT-3' and acts as a transcriptional repressor. Also acts as a transcriptional activator. Promotes development of neural crest cells from neural tube progenitors. Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis.

FOXD3 Antibody (aa211-260) - References

Ramsey H.C., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Gregory S.G., et al. Nature 441:315-321(2006).
Hromas R., et al. Blood 81:2854-2859(1993).
Guo Y., et al. Proc. Natl. Acad. Sci. U.S.A. 99:3663-3667(2002).
Alkhateeb A., et al. J. Invest. Dermatol. 125:388-391(2005).