

Anti-FOXA2 Antibody

Catalog Number: A01032

About FOXA2

FOXA2 is one of three members of the FOXA family, a subset of the forkhead family of transcription factors which play vital roles in development. FOXA2 was initially identified through library screening as a closely related homolog of FOXA1. Both FOXA2 and FOXA1 act as transcriptional activators in adult liver and also play a role in body axis formation, neural tube patterning and definitive endoderm formation during gastrulation.

Overview

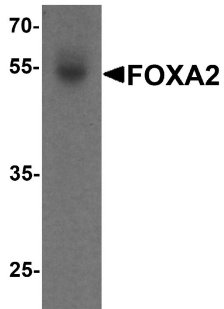
Product Name	Anti-FOXA2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-FOXA2 Antibody (Catalog # A01032). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	FOXA2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	FOXA2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9Y261

Technical Details

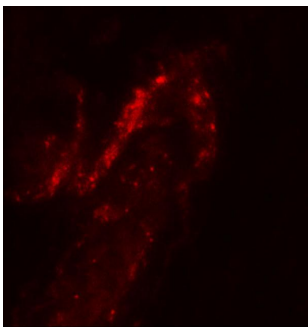
Immunogen	FOXA2 antibody was raised against a 16 amino acid peptide near the center of human FOXA2. The immunogen is located within amino acids 280 - 330 of FOXA2.
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	At least two isoforms of FOXA2 are known to exist; this antibody will detect both isoforms. FOXA2 antibody is predicted to not cross-react with other members of the FOXA protein family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	FOXA2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FOXA2 Antibody can be used for detection of FOXA2 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in human and mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

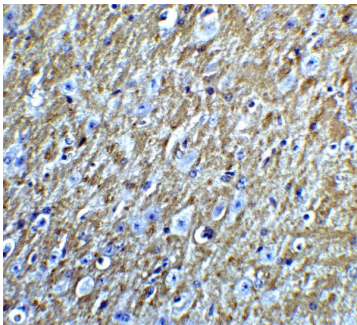
Anti-FOXA2 Antibody (A01032) Images



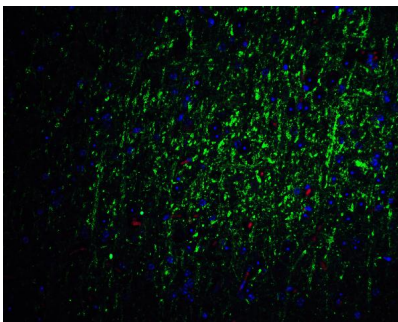
Western blot analysis of FOXA2 in human bladder tissue lysate with FOXA2 antibody at 1 ug/mL.



Immunofluorescence of FOXA2 in human bladder tissue with FOXA2 antibody at 20 ug/ml.



Immunohistochemistry of FOXA2 in mouse brain tissue with FOXA2 Antibody at 5 ug/mL.



Immunofluorescence of FOXA2 in mouse brain tissue with FOXA2 Antibody at 20 ug/mL.

Green: FOXA2 antibody (A01032)
Red: Phylloidin staining
Blue: DAPI staining

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