

Anti-HIG2 HIGD2A Antibody

Catalog Number: A15905

About HIGD2A

HIG1 and HIG2 (Hypoxia-inducible gene 1 and 2, respectively) are known to be induced by hypoxic conditions. HIG2 is induced by hypoxia and by glucose deprivation in cultured cells. In addition, tumor xenografts derived from human cervical cancer cells display increased expression of HIG1 and HIG2 when they are deprived of oxygen. Unlike HIG2, which is ubiquitously expressed and might be an activator and target of the canonical Wnt pathway, the function and the mechanisms underlying its regulation of HIG1 still remained unknown. The putative link between hypoxia and an oncogenic signaling pathway might play an important role in tumorigenesis.

Overview

Product Name	Anti-HIG2 HIGD2A Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-HIG2 HIGD2A Antibody (Catalog # A15905). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	HIG2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	HIG2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9BW72

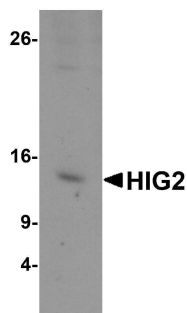
Technical Details

Immunogen	HIG2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human HIG2. The immunogen is located within the last 50 amino acids of HIG2.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of HIG2 are known to exist; this antibody will detect both isoforms. HIG2 antibody is predicted to not cross-react with HIG1
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	HIG2 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

HIG2 antibody can be used for detection of HIG2 by Western blot at 1 ug/mL.
Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-HIG2 HIGD2A Antibody (A15905) Images



Western blot analysis of HIG2 in A549 cell lysate with HIG2 antibody at 1 ug/mL.

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Anti-HIG2 HIGD2A Antibody

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