

ARG64902 anti-HIPPI antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HIPPI
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HIPPI
Species	Human
Immunogen	C-EQPQEYDDPNATISN
Conjugation	Un-conjugated
Alternate Names	HIPPI; ESRRBL1; Dermal papilla-derived protein 8; Intraflagellar transport protein 57 homolog; HIP1-interacting protein; MHS4R2; Estrogen-related receptor beta-like protein 1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 55081 Human](#)

[GeneID: 73916 Mouse](#)

[Swiss-port # Q8BXG3 Mouse](#)

[Swiss-port # Q9NWB7 Human](#)

Gene Symbol

IFT57

Gene Full Name

intraflagellar transport 57

Function

Required for the formation of cilia. Plays an indirect role in sonic hedgehog signaling, cilia being required for all activity of the hedgehog pathway (By similarity). Has pro-apoptotic function via its interaction with HIP1, leading to recruit caspase-8 (CASP8) and trigger apoptosis. Has the ability to bind DNA sequence motif 5'-AAAGACATG-3' present in the promoter of caspase genes such as CASP1, CASP8 and CASP10, suggesting that it may act as a transcription regulator; however the relevance of such function remains unclear. [UniProt]

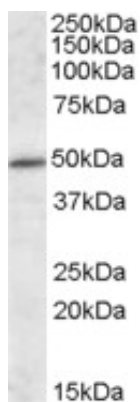
Research Area

Neuroscience antibody

Calculated Mw

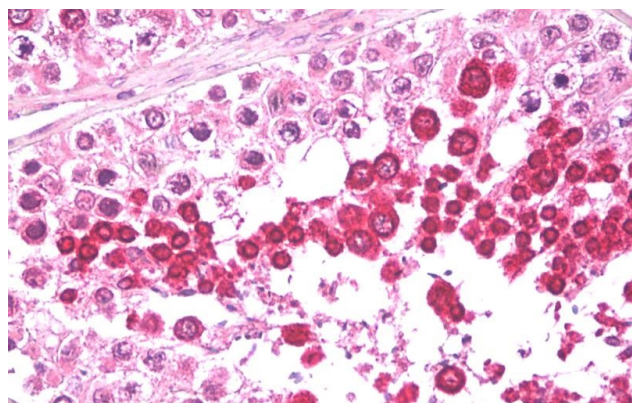
49 kDa

Images



ARG64902 anti-HIPPI antibody WB image

Western Blot: Mouse Brain lysate (35 µg protein in RIPA buffer) stained with ARG64902 anti-HIPPI antibody at 1 µg/ml dilution.



ARG64902 anti-HIPPI antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testes tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64902 anti-HIPPI antibody at 5 µg/ml dilution followed by AP-staining.