

ARG57838 anti-IGF2BP3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IGF2BP3
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IGF2BP3
Species	Human
Immunogen	Recombinant protein of Human IGF2BP3.
Conjugation	Un-conjugated
Alternate Names	IMP3; VICKZ3; hKOC; IMP-3; KOC; KH domain-containing protein overexpressed in cancer; VICKZ family member 3; KOC1; CT98; IGF2 mRNA-binding protein 3; IGF-II mRNA-binding protein 3; Insulin-like growth factor 2 mRNA-binding protein 3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	293T	

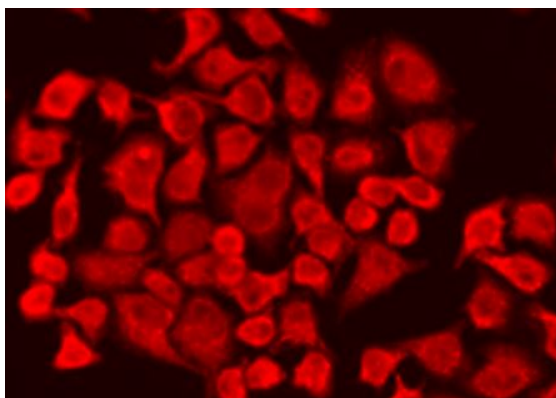
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

Bioinformation

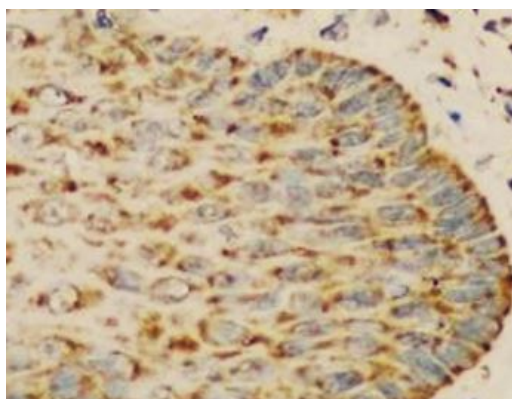
Gene Symbol	IGF2BP3
Gene Full Name	insulin-like growth factor 2 mRNA binding protein 3
Background	The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes. [provided by RefSeq, Jul 2008]
Function	RNA-binding factor that may recruits target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Binds to the 3'-UTR of CD44 mRNA and stabilizes it, hence promotes cell adhesion and invadopodia formation in cancer cells. Binds to beta-actin/ACTB and MYC transcripts. Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. [UniProt]
Calculated Mw	64 kDa
Cellular Localization	Cytoplasm, Nucleus. [UniProt]

Images



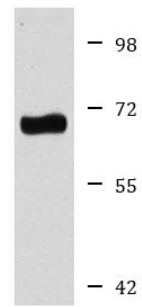
ARG57838 anti-IGF2BP3 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG57838 anti-IGF2BP3 antibody at 1:100 dilution.



ARG57838 anti-IGF2BP3 antibody IHC-P image

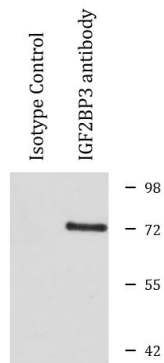
Immunohistochemistry: Paraffin-embedded Human esophagus stained with ARG57838 anti-IGF2BP3 antibody at 1:200 dilution.



293T

ARG57838 anti-IGF2BP3 antibody WB image

Western blot: 25 µg of 293T cell lysate stained with ARG57838 anti-IGF2BP3 antibody at 1:1000 dilution.



ARG57838 anti-IGF2BP3 antibody IP image

Immunoprecipitation: 100 µg extracts of HepG2 cells were immunoprecipitated and stained with ARG57838 anti-IGF2BP3 antibody at 1:1000 dilution.