

ARG41087 anti-TCF12 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TCF12
Tested Reactivity	Hu
Tested Application	ICC, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TCF12
Species	Human
Immunogen	A 19 amino acid peptide within aa. 50 - 100 of Human TCF12.
Conjugation	Un-conjugated
Alternate Names	Transcription factor 12; HEB; Transcription factor HTF-4; E-box-binding protein; DNA-binding protein HTF4; Class B basic helix-loop-helix protein 20; CRS3; HsT17266; HTF4; TCF-12; bHLHb20

Application Instructions

Application table	Application	Dilution
	ICC	10 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

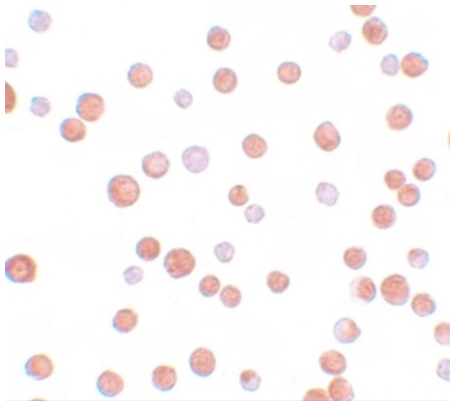
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 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

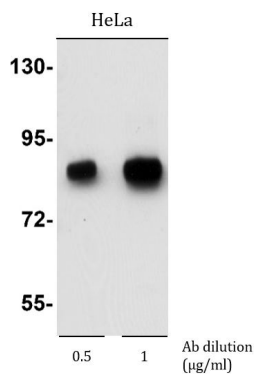
Gene Symbol	TCF12
Gene Full Name	transcription factor 12
Background	The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH) E-protein family that recognizes the consensus binding site (E-box) CANNTG. This encoded protein is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cells, and may participate in regulating lineage-specific gene expression through the formation of heterodimers with other bHLH E-proteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Function	Transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). [UniProt]
Calculated Mw	73 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41087 anti-TCF12 antibody ICC image

Immunocytochemistry: HeLa cells stained with ARG41087 anti-TCF12 antibody at 10 µg/ml dilution.



ARG41087 anti-TCF12 antibody WB image

Western blot: HeLa cell lysates stained with ARG41087 anti-TCF12 antibody at 0.5 and 1 µg/ml dilution.