

ARG57945 anti-ETV4 / Pea3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ETV4 / Pea3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ETV4 / Pea3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-207 of Human ETV4 (NP_001248368.1).
Conjugation	Un-conjugated
Alternate Names	Polyomavirus enhancer activator 3 homolog; Adenovirus E1A enhancer-binding protein; PEAS3; PEA3; Protein PEA3; E1AF; E1A-F; ETS translocation variant 4

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	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	H460	
Observed Size	55 kDa	

Properties

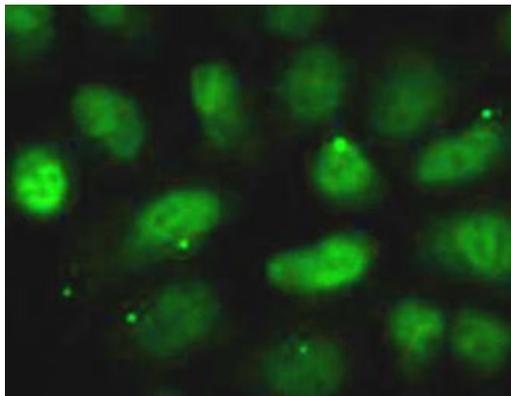
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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.

Note

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

Bioinformation

Gene Symbol	ETV4
Gene Full Name	ets variant 4
Function	Transcriptional activator that binds to the enhancer of the adenovirus E1A gene; the core-binding sequence is 5'[AC]GGA[AT]GT-3'. [UniProt]
Calculated Mw	54 kDa
PTM	Sumoylated; enhanced upon ERK/MAP kinase pathway activation, it positively regulates the transcriptional activator capacity. Sumoylation at Lys-96 probably requires phosphorylation at Ser-101. Transiently polysumoylated and desumoylated by SENP1. Sumoylation is a prerequisite to polyubiquitination which in turn increases proteasomal-mediated degradation. Probably polyubiquitinated by RNF4 and deubiquitinated by USP2. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images

ARG57945 anti-ETV4 / Pea3 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG57945 anti-ETV4 / Pea3 antibody.



H460

ARG57945 anti-ETV4 / Pea3 antibody WB image

Western blot: 25 µg of H460 cell lysate stained with ARG57945 anti-ETV4 / Pea3 antibody at 1:1000 dilution.