

ARG63523 anti-PAX3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PAX3
Tested Reactivity	Hu
Predict Reactivity	Cow, Rat
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise all 7 reported human isoforms (as represented by NP_000429.2; NP_039230.1; NP_852122.1; NP_852123.1; NP_852124.1; NP_852125.1 and NP_852126.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PAX3
Species	Human
Immunogen	TTLGAVPRMM-C
Conjugation	Un-conjugated
Alternate Names	Paired box protein Pax-3; HUP2; WS1; WS3; HuP2; CDHS

Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Heat mediation was performed 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: 5077 Human](#)

[Swiss-port # P23760 Human](#)

Background

This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq, Jul 2008]

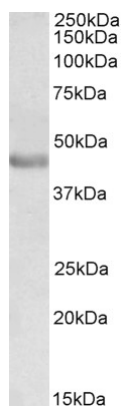
Research Area

Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody

Calculated Mw

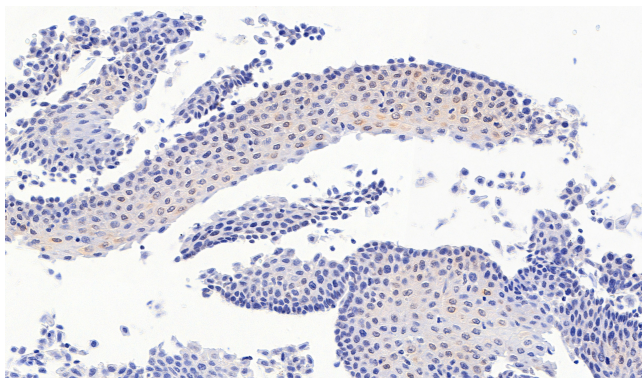
53 kDa

Images



ARG63523 anti-PAX3 antibody WB image

Western Blot: Human Duodenum lysate (35 µg protein in RIPA buffer) stained with ARG63523 anti-PAX3 antibody at 0.3 µg/ml dilution.



ARG63523 anti-PAX3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human esophagus tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG63523 anti-PAX3 antibody at 4.5 µg/ml dilution followed by HRP-staining.