

Datasheet for ABIN1681270
anti-PAX8 antibody (AA 1-212)



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2 Images

Overview

Quantity:	100 µg
Target:	PAX8
Binding Specificity:	AA 1-212
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-212 of human PAX8 (NP_003457.1).
Sequence:	MPHNSIRSGH GGLNQLGGAF VNGRPLPEVV RQRIVDLAHQ GVRPCDISRQ LRVSHGCVSK ILGRYYETGS IRPGVIGGSK PKVATPKVVE KIGDYKRQNP TMFAWEIRDR LLAEGVCDND TVPSVSSINR IIRTKVQQPF NLPMDSCVAT KSLSPGHTLI PSSAVTPPES PQSDSLGSTY SINGLLGIAQ PGSDKRKMDD SDQDSCRLSI DS
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies

Target Details

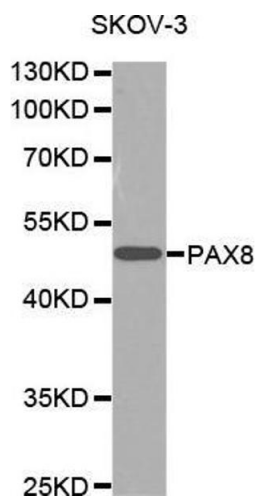
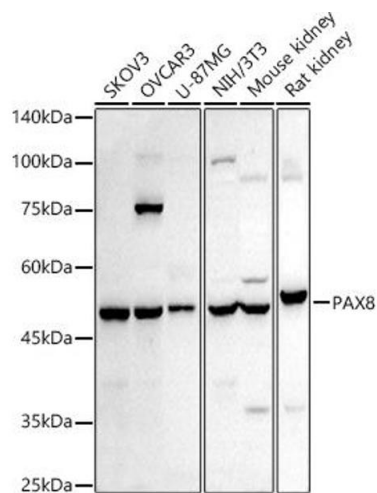
Target:	PAX8
Alternative Name:	PAX8 (PAX8 Products)
Background:	This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternatively spliced transcript variants encoding different isoforms have been described.,PAX8,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,PAX8
Molecular Weight:	31 kDa/34 kDa/41 kDa/43 kDa/48 kDa
Gene ID:	7849
UniProt:	Q06710
Pathways:	Thyroid Hormone Synthesis , Regulation of Hormone Metabolic Process , Stem Cell Maintenance , Tube Formation

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using P antibody (ABIN1681270, ABIN3015414, ABIN3015415 and ABIN6214221) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.

Western Blotting

Image 2. Western blot analysis of extracts of SKOV-3 cells lines, using PAX8 antibody.