

Anti-PAX8 Antibody

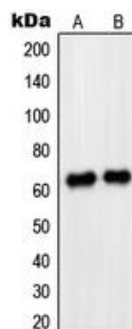
01/20

CATALOG NO.: A2032-100 (100 µl)

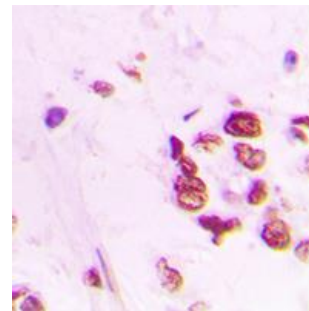
BACKGROUND DESCRIPTION: This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell 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.

ALTERNATE NAMES:	Paired box protein Pax-8
ANTIBODY TYPE:	Polyclonal
HOST/ISOTYPE:	Rabbit / IgG
IMMUNOGEN:	KLH-conjugated synthetic peptide targeting a sequence within the center region of human PAX8
MOLECULAR WEIGHT:	60 kDa
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	In 0.42% Potassium phosphate; 0.87% NaCl; pH 7.3; 30% glycerol; and 0.01% sodium azide
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20°C; Store at -20°C. Avoid freeze / thaw cycles
APPLICATIONS AND USAGE:	WB 1:500 - 1:1000, IHC 1:100 - 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of PAX8 expression in HeLa (A); HEK293T (B) whole cell lysates.



Immunohistochemical analysis of PAX8 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0), then incubated with the antibody at RT and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with hematoxylin and mounted with DPX.

RELATED PRODUCTS:

Anti-PPAR gamma Antibody (A1712)
 Anti-PAX-8 Antibody (IHC008) (A1545)
 Anti-SMAD2/3 Antibody (A1214)
 Phospho-Paxillin (Ser178) Antibody (A1721)