

Product Datasheet

Anti-Kv7.5 Antibody (orb515249)

Description	Rabbit polyclonal antibody to KCNQ5
Species/Host	Rabbit
Reactivity	Human, Mouse, Primate
Conjugation	Unconjugated
Tested Applications	IH, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kv7.5. The exact sequence is proprietary.
Target	KCNQ5
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	Q9NR82, Q9JK45
Entrez	56479, 226922
Dilution Range	WB: 1:500-1000

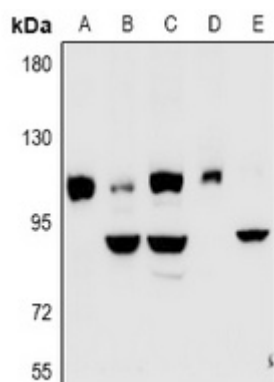
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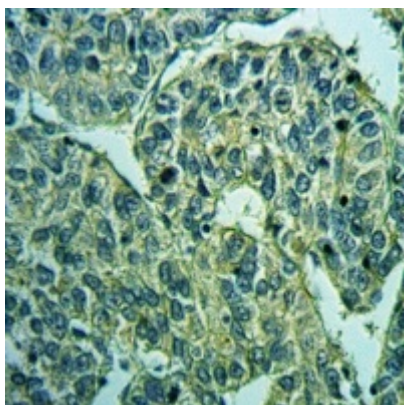
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Expiration Date 12 months from date of receipt.



Western blot analysis of Kv7.5 expression in HEK293T (A), COS7 (B), C6 (C), CT26 (D), MG63 (E) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 102; 90 kD)



Immunohistochemical analysis of Kv7.5 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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