DATASHEET

VHL Rabbit Monoclonal Antibody(ARA535)

CAT. NO. ARA5870

KEY FEATURES

Target:	VHL	Clone ID:	ARA535
Source/Host:	Rabbit	Reactivity:	Human
Clonality:	Monoclonal	Applications:	IHC
Storage:	at-20°C		

BACKGROUND

VHL encodes the von Hippel-Lindau tumor suppressor protein, a component of the ubiquitination complex that targets hypoxia-inducible factor (HIF) for ubiquitin-mediated degradation. Loss of VHL function leads to HIF accumulation and is a hallmark molecular event in clear cell renal cell carcinoma (ccRCC). Germline mutations in this gene cause von Hippel-Lindau syndrome, characterized by retinal angiomas, CNS hemangioblastomas, pheochromocytoma and renal cell carcinoma. VHL is a widely used diagnostic immunohistochemical marker for renal cell carcinoma.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:500-1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit recombinant monoclonal antibody to human VHL (von Hippel-Lindau tumor suppressor)
Specificity	Recognizes endogenous levels of human VHL protein; validated by WB on Jurkat, Raji, Daudi, Ramos cell lysates and by IHC on human kidney tissue
Antibody Type	Primary antibody,Recombinant
Immunogen	Recombinant human VHL protein (1-213 aa of NM_000551.4, mammalian cell expression)
Purification	Protein A purification
Molecular Weight	Predicted: 24 kD; Observed: 18-24 kD
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	VHL; pVHL; RCA1; HRCA1; VHL1; Protein G7
Gene Symbol	VHL
Entrez Gene	7428(Human)
SwissProt	P40337(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

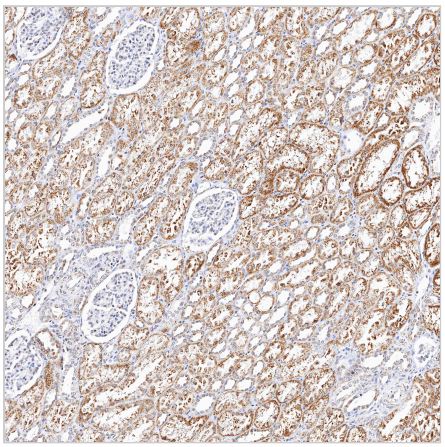
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

VHL Rabbit Monoclonal Antibody(ARA535)

CAT. NO. ARA5870

DATA



Immunohistochemical staining of formalin-fixed and paraffin-embedded human kidney tissue using VHL Rabbit Monoclonal Antibody(ARA535) at 1:1000 dilution, 10x objective lens, heat-induced antigen retrieval with Tris-EDTA buffer pH 9.0.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com