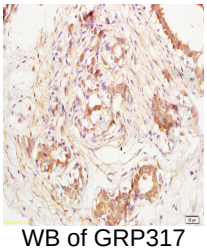
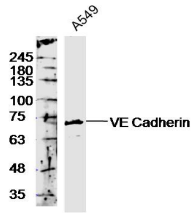
German Research Products - GRP GmbH
In der Stockwiese 26
D-85410 Haag/Amper, Germany
Email: info@grp-ak.de
Phone: +49 (0)8167 6335

Product Datasheet

VE Cadherin Polyclonal Antibody
GRP317

Description	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Acts in concert with KRIT1 to establish and maintain correct endothelial cell polarity and vascular lumen. These effects are mediated by recruitment and activation of the Par polarity complex and RAP1B. Required for activation of PRKCZ and for localization of phosphorylated PRKCZ, PARD3, TIAM1 and RAP1B to the cell junction.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, ICC, IF, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from mouse vascular endothelial cadherin (public_immunogen_range: 621-660/784)
Form/Appearance	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Concentration	1ug/ul
Storage	Store at -20°C for 12 months.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by Protein A.
Uniprot ID	**P55284**
Entrez	**12562**
Dilution Range	WB: 1:300-1000, FC: 1:20-100, IHC-P: 1:200-400, IF: 1:50-200


WB of GRP317



IHC-P of GRP317