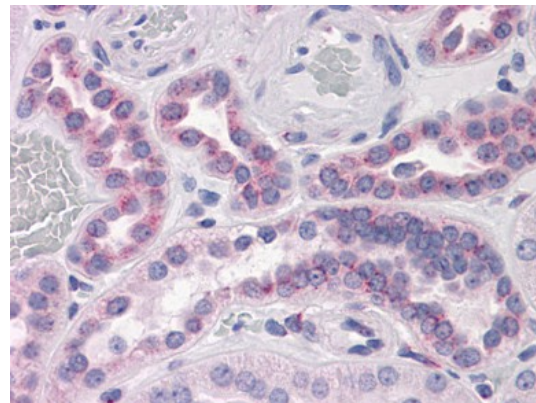


AM20890PU-N**Monoclonal Antibody to GPR3 / ACCA**

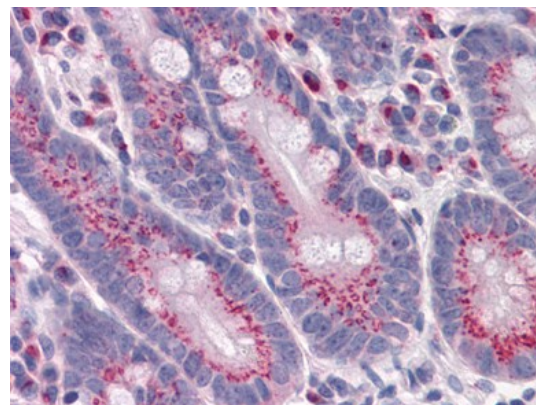
Alternate names:	ACCA orphan receptor, G-protein coupled receptor 3
Quantity:	50 µg
Background:	GPR3 has been identified as a constitutively active lysophospholipid/lysosphingolipid receptor. GPR3 receptor is a link in communication between the somatic cells and oocyte of the ovarian follicle where GPR3 maintains meiotic arrest in mouse oocytes. Oocytes from Gpr3 knockout mice resume meiosis within antral follicles, independently of an increase in luteinizing hormone, and this phenotype Mice deficient in GPR3 exhibit premature ovarian failure due to early oocyte aging (Ledent et al. 2005).
Uniprot ID:	P46089
NCBI:	NP_005272
GeneID:	2827
Host / Isotype:	Mouse / IgG2a
Clone:	3B4-G3
Immunogen:	Recombinant protein, GPR3 (AAH32702, 1 a.a. ~ 331 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Genename: GPR3
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.2
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. RNAi. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to G Protein-Coupled Receptor GPR3. Species: Human. Other species not tested.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

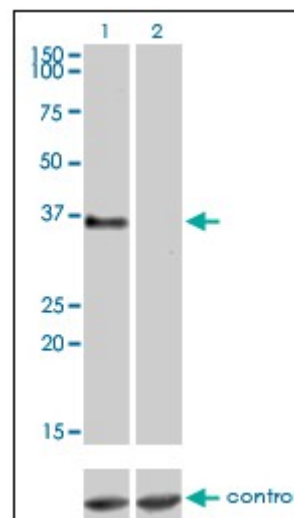
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



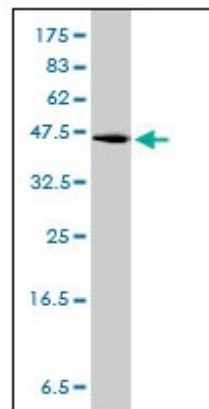
Human Small intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



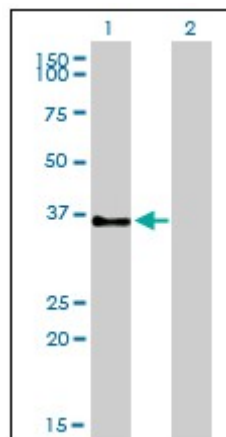
Western blot analysis of GPR3 over-expressed 293 cell line, cotransfected with GPR3 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with GPR3 monoclonal antibody (M01), clone 3B4-G3.



GPR3 monoclonal antibody, clone 3B4-G3 Western Blot analysis of GPR3 expression in Jurkat.



Western Blot analysis of GPR3 expression in transfected 293T cell line by GPR3 monoclonal antibody clone 3B4-G3.



Detection limit for recombinant GST tagged GPR3 is approximately 0.03 ng/ml as a capture antibody.

