OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene EU

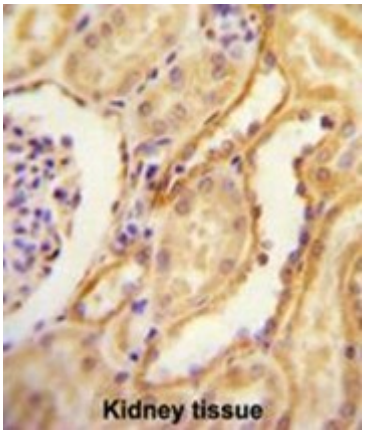
Acris Antibodies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info@acris-antibodies.com

Polyclonal Antibody to C5orf23 (N-term) - Aff - Purified

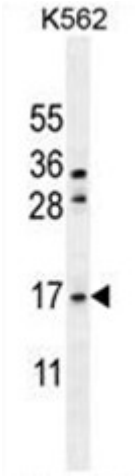
Alternate names:	Uncharacterized protein
Catalog No.:	AP50641PU-N
Quantity:	0.1 mg
Concentration:	0.25 mg/ml
Uniprot ID:	Q9H7Z1
NCBI:	NP_078839
GeneID:	79614
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 29-58 amino acids from the N-terminal region of human C5orf23
Format:	**State:** Liquid purified Ig fraction **Purification:** Affinity chromatography on Protein A **Buffer System:** PBS containing 0.09% (W/V) sodium azide as preservative
Applications:	**ELISA:** 1/1000. **Western blotting:** 1/100 - 1/500. **Immunohistochemistry on paraffin sections:** 1/50 - 1/100. **Flow Cytometry:** 1/10 - 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to C5orf23.
Species Reactivity:	**Tested:** Human.
Add. Information:	**Molecular Weight:** 13774 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Bailey, S.D., et al. Diabetes Care (2010) 2. Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) 3. Estrada, K., et al. Hum. Mol. Genet. 18(18):3516-3524(2009) 4. Soranzo, N., et al. PLoS Genet. 5 (4), E1000445 (2009) 5. Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

Pictures:

C5orf23 antibody (N-term) (Cat. #AP50641PU-N) immunohistochemistry analysis in formalin fixed and paraffin embedded human Kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the C5orf23 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



C5orf23 Antibody (N-term) (Cat. #AP50641PU-N) western blot analysis in K562 cell line lysates (35µg/lane).This demonstrates the C5orf23 antibody detected the C5orf23 protein (arrow).



C5orf23 Antibody (N-term) (Cat. #AP50641PU-N) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.