

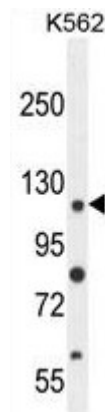
AP50197PU-N**Polyclonal Antibody to ANR52 (N-term) - Aff - Purified**

Alternate names:	ANKRD52, Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit C
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates.
Uniprot ID:	Q8NB46
NCBI:	NP_775866
GeneID:	283373
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 436-465 amino acids from the N-terminal region of human ANR52
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. 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 ANR52.
Species Reactivity:	Tested: Human.
Add. Information:	Molecular Weight: 115077 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 PJ, Drenos F, Shah S, Shah T, Palmen J, Verzilli C, et al. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Am J Hum Genet. 2009 Nov;85(5):628-42. doi: 10.1016/j.ajhg.2009.10.014. PubMed PMID: 19913121. 3. Stefansson B, Ohama T, Daugherty AE, Brautigan DL. Protein phosphatase 6 regulatory subunits composed of ankyrin repeat domains. Biochemistry. 2008 Feb 5;47(5):1442-51. doi: 10.1021/bi7022877. Epub 2008 Jan 11. PubMed PMID: 18186651. 4. Beausoleil SA, Villén J, Gerber SA, Rush J, Gygi SP. A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Nat Biotechnol. 2006 Oct;24(10):1285-92. Epub 2006 Sep 10. PubMed PMID: 16964243.

5. Scherer SE, Muzny DM, Buhay CJ, Chen R, Cree A, Ding Y, et al. The finished DNA sequence of human chromosome 12. *Nature*. 2006 Mar 16;440(7082):346-51. PubMed PMID: 16541075.

Pictures:

ANR52 Antibody (N-term) (Cat. #AP50197PU-N) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the ANR52 antibody detected the ANR52 protein (arrow).



ANR52 Antibody (N-term) (Cat. #AP50197PU-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.

