

Rabbit anti-Human ANR44 Polyclonal Antibody | anti-ANKRD44 antibody

ANR44 Antibody (Center)

CATALOG # AAA286267	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

ANR44; Polyclonal Antibody; ANR44 Antibody (Center); Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B; PP6-ARS-B; Serine/threonine-protein phosphatase 6 regulatory subunit ARS-B; Ankyrin repeat domain-containing protein 44; ANKRD44; anti-ANKRD44 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANR44 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 481-510 amino acids from the Central region of human ANR44.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	481-510
Sequence Length	993
Applicable Applications for anti-ANKRD44 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ANR44 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ANR44 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

ANR44 Antibody (Center) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the ANR44 antibody detected the ANR44 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ANKRD44 antibody	Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates.
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Trynka, G., et al. Gut 58(8):1078-1083(2009) Stefansson, B., et al. Biochemistry 47(5):1442-1451(2008) Dechamps, C., et al. Biotechnol. Lett. 28(4):223-231(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	304434690
NCBI GeneID	91526
NCBI Accession #	NP_001182073.1; NP_710181.2
NCBI GenBank Nucleotide #	NM_001195144.1
UniProt Accession #	Q8N8A2; Q53SL9; Q6P480; Q86VL5; Q8IZ72; Q9UFA4
Molecular Weight	107603
NCBI Official Full Name	serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B isoform A
NCBI Official Synonym Full Names	ankyrin repeat domain 44
NCBI Official Symbol	ANKRD44
NCBI Official Synonym Symbols	PP6-ARS-B
NCBI Protein Information	serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
UniProt Protein Name	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
UniProt Gene Name	ANKRD44
UniProt Synonym Gene Names	PP6-ARS-B; Serine/threonine-protein phosphatase 6 regulatory subunit ARS-B
UniProt Entry Name	ANR44_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.