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AX2R Rabbit pAb

Catalog # AP97246

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q3ZCQ2
Other Accession	Q3ZCQ2
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21682
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AX2R
Epitope Specificity	30-90/193
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ANXA2R (annexin-2 receptor), also known as AX2R or C5orf39, is a 193 amino acid protein that is widely expressed and may act as an annexin II receptor on marrow stromal cells to induce osteoclast formation. In addition, ANXA2R is highly expressed in lymphocytes and is also found in resting CD4+ and CD8+ T cells. The gene encoding ANXA2R maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome. Chromosome 5 is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5-associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Additional Information

Gene ID	389289
Other Names	AX2R; AXIIR; C5orf39; AX2R_HUMAN; ANXA2R; Annexin II receptor (AXIIR); annexin A2 receptor; chromosome 5 open reading frame 39
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ANXA2R
Synonyms	AX2R, C5orf39
Function	May act as a receptor for annexin II on marrow stromal cells to induce osteoclast formation.
Tissue Location	Widely expressed. Highly expressed in lymphocytes. Expressed in both resting CD4(+) and CD8(+) T-cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.