

Rabbit XKR4 Polyclonal Antibody | anti-XKR4 antibody

XKR4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288603	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

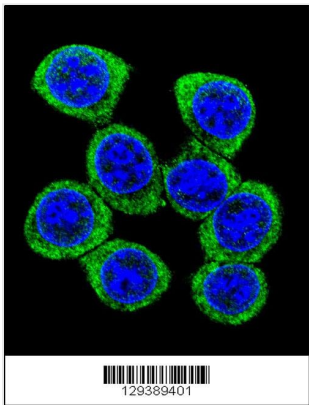
PRODUCT SYNONYMS

XKR4; Polyclonal Antibody; XKR4 Antibody (C-term); XK-related protein 4; KIAA1889; XRG4; anti-XKR4 antibody

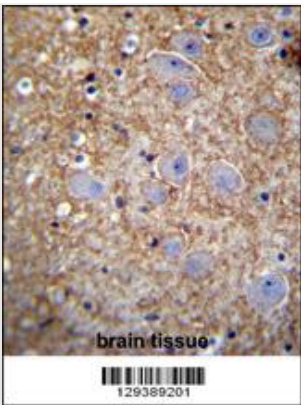
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This XKR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 570-598 amino acids from the C-terminal region of human XKR4.
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: 0.49 (varies by lot)
Sequence Positions	570-598
Sequence Length	650
Applicable Applications for anti-XKR4 antibody	IF (Immunofluorescence), 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.

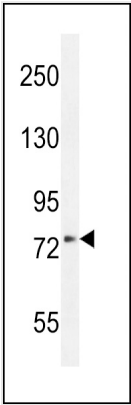
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of XKR4 Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
XKR4 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of XKR4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
XKR4 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the XKR4 antibody detected the XKR4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-XKR4 antibody	The specific function of the protein remains unknown.
Product Categories/Family for anti-XKR4 antibody	Cell Biology
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Lavedan, C., et al. Mol. Psychiatry 14(8):804-819(2009) Volpi, S., et al. J Clin Psychiatry 70(6):801-809(2009) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	59709427
NCBI GeneID	114786
NCBI Accession #	NP_443130.1
NCBI GenBank Nucleotide #	NM_052898.1
UniProt Accession #	Q5GH76; Q96PZ8

Molecular Weight	71501
NCBI Official Full Name	XK-related protein 4
NCBI Official Synonym Full Names	XK, Kell blood group complex subunit-related family, member 4
NCBI Official Symbol	XKR4
NCBI Official Synonym Symbols	XRG4
NCBI Protein Information	XK-related protein 4
UniProt Protein Name	XK-related protein 4
UniProt Gene Name	XKR4
UniProt Synonym Gene Names	KIAA1889; XRG4
UniProt Entry Name	XKR4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/xkr4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/288603>