

XPR1 blocking peptide

XPR1 Blocking Peptide

CATALOG #
AAA330069

APPLICATIONS
Blocking

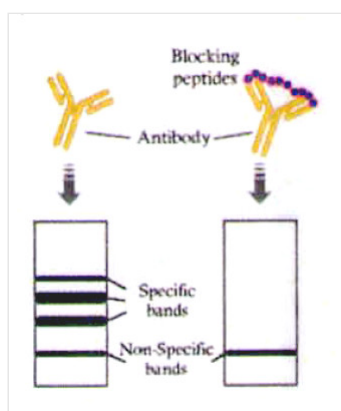
PRODUCT SYNONYMS

XPR1; XPR1 Blocking Peptide; FLJ90308; OTTHUMP00000033084; OTTHUMP00000033085; Polytropic murine leukemia virus receptor SYG 1; Polytropic murine leukemia virus receptor SYG1; Protein SYG1 homolog; SYG 1; SYG1; SYG1 protein; X-receptor; X3; Xenotropic and polytropic murine leukemia v; XPR1 blocking peptide

PRODUCT SPECIFICATIONS

Purity/Purification	The purity is >90%, tested by HPLC and MS
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml 0.1 water for a final concentration of 10 mg/ml.
Applicable Applications for XPR1 blocking peptide	Blocking
Function	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Preparation and Storage	Storage Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

IMAGES



Application Data

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923272
NCBI GeneID	9213
NCBI Accession #	NP_004727.2
NCBI GenBank Nucleotide #	NM_004736.3

UniProt Accession #	Q9UBH6; O95719; Q7L8K9; Q8IW20; Q9NT19; Q9UFB9
NCBI Official Full Name	xenotropic and polytropic retrovirus receptor 1 isoform 1
NCBI Official Synonym Full Names	xenotropic and polytropic retrovirus receptor 1
NCBI Official Symbol	XPR1
NCBI Official Synonym Symbols	X3; SYG1
NCBI Protein Information	xenotropic and polytropic retrovirus receptor 1; X-receptor; protein SYG1 homolog; xenotropic and polytropic murine leukemia virus receptor X3
UniProt Protein Name	Xenotropic and polytropic retrovirus receptor 1
UniProt Gene Name	XPR1
UniProt Synonym Gene Names	SYG1; XR; X-receptor
UniProt Entry Name	XPR1_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://stage.aaabiotech.com/blocking-peptide/xpr1/330069>