A12712

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ACKR3 Rabbit pAb

Catalog No.: A12712

Basic Information

Observed MW
44kDa

Calculated MW
41kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

This gene encodes a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
57007

Swiss Prot
P25106

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 150-250 of human ACKR3 (NP_064707.1).

Synonyms
RDC1; CXCR7; RDC-1; CMKOR1; CXC-R7; CXCR-7; GPR159; ACKR3

Contact

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Product Information

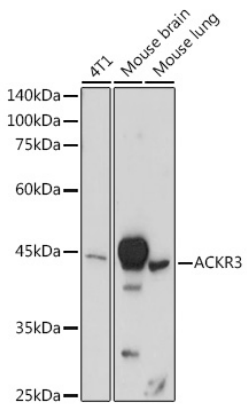
Source
Rabbit

Isotype
IgG

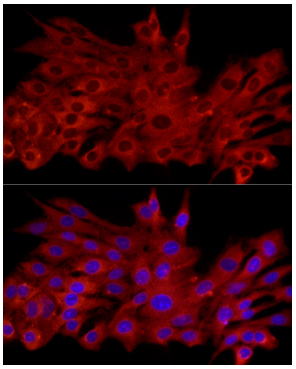
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

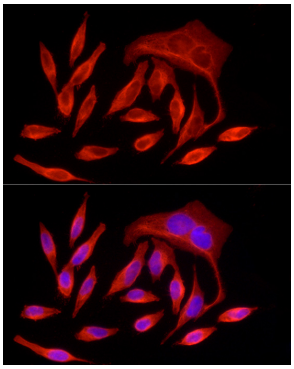
Validation Data



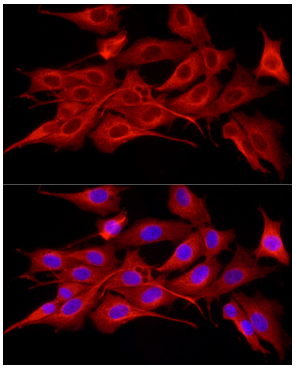
Western blot analysis of extracts of various cell lines, using ACKR3 Rabbit pAb (A12712) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunofluorescence analysis of C6 cells using ACKR3 Rabbit pAb (A12712) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using ACKR3 Rabbit pAb (A12712) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ACKR3 Rabbit pAb (A12712) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.