

Rabbit anti-Human, Mouse EP2 Polyclonal Antibody | anti-EP2 antibody

Anti-EP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292898	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

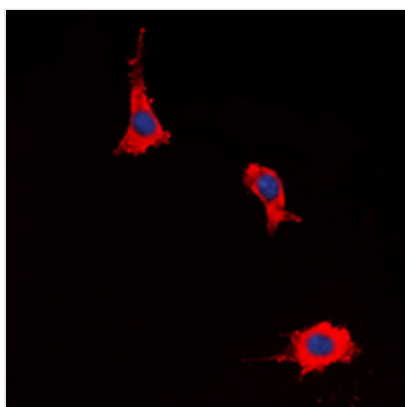
PRODUCT SYNONYMS

EP2; Polyclonal Antibody; Anti-EP2 Antibody; Prostaglandin E2 receptor EP2 subtype; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype; Prostanoid EP2 receptor; anti-EP2 antibody

PRODUCT SPECIFICATIONS

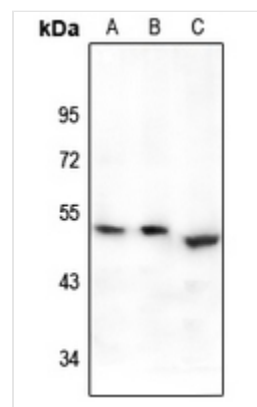
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-EP2 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Dilution: IF WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Immunofluorescent analysis of EP2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Western blot analysis of EP2 expression in A549 (A), HEK293T (B), mouse lung (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EP2 antibody	Rabbit polyclonal antibody to EP2 KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EP2. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31881630
NCBI GeneID	5732
NCBI Accession #	NP_000947.2
NCBI GenBank Nucleotide #	NM_000956.3
UniProt Accession #	P43116; Q52LG8; D3DSC0
Molecular Weight	39,761 Da
NCBI Official Full Name	prostaglandin E2 receptor EP2 subtype
NCBI Official Synonym Full Names	prostaglandin E receptor 2 (subtype EP2), 53kDa
NCBI Official Symbol	PTGER2
NCBI Official Synonym Symbols	EP2
NCBI Protein Information	prostaglandin E2 receptor EP2 subtype; prostanoid EP2 receptor; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype
UniProt Protein Name	Prostaglandin E2 receptor EP2 subtype
UniProt Gene Name	PTGER2
UniProt Synonym Gene Names	PGE receptor EP2 subtype
UniProt Entry Name	PE2R2_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/polyclonal/ep2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/292898>