

Rabbit anti-Human PPEF2 Polyclonal Antibody | anti-PPEF2 antibody

PPEF2 Antibody (Center)

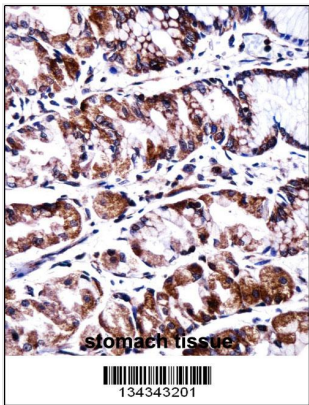
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286024	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

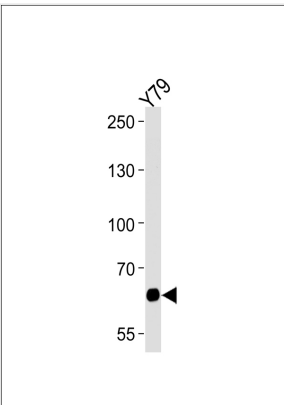
PPEF2; Polyclonal Antibody; PPEF2 Antibody (Center); Serine/threonine-protein phosphatase with EF-hands 2; PPEF-2; anti-PPEF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPEF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-333 amino acids from the Central region of human PPEF2.
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: 0.5 (varies by lot)
Sequence Positions	304-333
Sequence Length	753
Applicable Applications for anti-PPEF2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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.



IHC (Immunohiostchemistry)
PPEF2 Antibody (Center) (AAA286024)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PPEF2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from Y79 cell line, using PPEF2 Antibody (Center). AAA286024 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PPEF2 antibody	This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein, which is expressed specifically in photoreceptors and the pineal, has been suggested to play a role in the visual system. This gene shares high sequence similarity with the Drosophila retinal degeneration C (rdgC) gene. [provided by RefSeq].
Product Categories/Family for anti-PPEF2 antibody	Neuroscience; Signal Transduction
References	Kutuzov, M.A., et al. Biochem. Biophys. Res. Commun. 293(3):1047-1052(2002) Ramulu, P., et al. Mol. Cell. Biol. 21(24):8605-8614(2001) Sherman, P.M., et al. Proc. Natl. Acad. Sci. U.S.A. 94(21):11639-11644(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23312386
NCBI GeneID	5470
NCBI Accession #	NP_006230.2
NCBI GenBank Nucleotide #	NM_006239.2
UniProt Accession #	O14830; O14831
Molecular Weight	86518
NCBI Official Full Name	serine/threonine-protein phosphatase with EF-hands 2
NCBI Official Synonym Full Names	protein phosphatase, EF-hand calcium binding domain 2
NCBI Official Symbol	PPEF2
NCBI Official Synonym Symbols	PPP7CB
NCBI Protein Information	serine/threonine-protein phosphatase with EF-hands 2
UniProt Protein Name	Serine/threonine-protein phosphatase with EF-hands 2

UniProt Gene Name	PPEF2
UniProt Synonym Gene Names	PPEF-2
UniProt Entry Name	PPE2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ppef2-antibody-western-blot-immunohistochemistry-elisa/286024>