Anti-PA2G4 antibody (1-394) (STJ115972)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

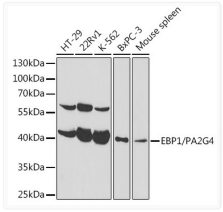
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 44kDa Observed Mw: 46kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

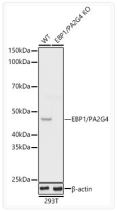
Gene ID	5036
Gene Symbol	PA2G4
UniProt ID	PA2G4_HUMAN
Immunogen Region	1-394
Immunogen Sequence	MSGEDEQQEQTIAEDLVVTK YKMGGDIANRVLRSLVEASS SGVSVLSLCEKGDAMIMEET GKIFKKEKEMKKGIAFPTSI SVNNCVCHFSPLKSDQDYIL KEGDLVKIDLGVHVDGFIAN VAHTFVVDVAQGTQVTGRKA DVIKAAHLCAEAALRLVKPG NQNTQVTEAWNKVAHSFNCT PIEGMLSHQLKQHVIDGEKT IIQNPTDQQKKDHEKAEFEV HEVYAVDVLVSSGEGKAKD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-394 of human EBP1/PA2G4 (NP_006182.2).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using EBP1/PA2G4 antibody (STJ115972) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST.



Western blot analysis of extracts from wild type (WT) and EBP1/PA2G4 knockout (KO) 293T (KO) cells, using EBP1/PA2G4 antibody (STJ115972) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.