Anti-HPSE2 antibody (42-242) (STJ110547)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

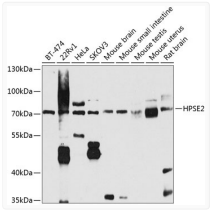
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 67kDa Observed Mw: 72kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

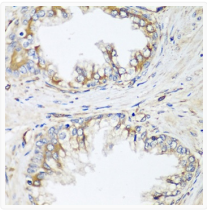
Gene ID	60495
Gene Symbol	HPSE2
UniProt ID	HPSE2_HUMAN
Immunogen Region	42-242
Immunogen Sequence	GDRRPLPVDRAAGLKEKTLI LLDVSTKNPVRTVNENFLSL QLDPSIIHDGWLDFLSSKRL VTLARGLSPAFLRFGGKRTD FLQFQNLRNPAKSRGGPGPD YYLKNYEDDIVRSDVALDKQ KGCKIAQHPDVMLELQREKA AQMHLVLLKEQFSNTYSNLI LTARSLDKLYNFADCSGLHL IFALNALRRNPNNSWNSSSA L
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 42-242 of human HPSE2 (NP_068600.4).

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 various lysates using HPSE2 Rabbit pAb (STJ110547) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human prostate using HPSE2 Rabbit pAb (STJ110547) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.