

Anti-CAST antibody (1-350) (STJ119179)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

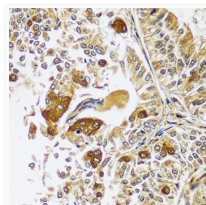
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 77kDa Observed Mw: 120kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

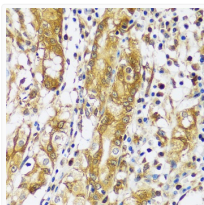
Gene ID	831
Gene Symbol	CAST
UniProt ID	ICAL_HUMAN
Immunogen Region	1-350
Immunogen Sequence	MNPTETKAIPVSQQMEGPHL PNKKKHKKQAVKTEPEKKSQ STKLSVVHEKKSQEGKPKEH TEPKSLPKQASDTGSND AHN KKAVSRSAEQQPSEKSTEPK TKPQDMISAGGESVAGITAI SGKPGDKKKKEKSLTPAVPV ESKPDKPSGKSGMDAALDDL IDTLGGPEETEEENTTYTGP EVSDPMSSTYIEELGKREVT IPPKYRELLAKPIGPDDAID ALSSDFTCGSPTAAGKKTE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human CAST (NP_001177371.1).

ADDITIONAL INFORMATION

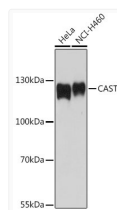
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunohistochemistry analysis of CAST in paraffin-embedded human uterine cancer using CAST Rabbit polyclonal antibody (STJ119179) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of CAST in paraffin-embedded human stomach using CAST Rabbit polyclonal antibody (STJ119179) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using CAST Rabbit polyclonal antibody (STJ119179) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.