Anti-HOMER1 antibody (71-170 aa) (STJ11107067)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

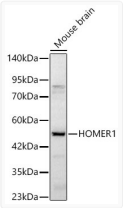
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 40kDa 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

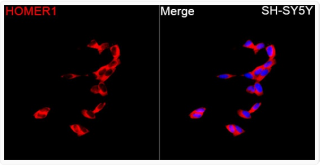
Gene ID	9456
Gene Symbol	HOMER1
UniProt ID	HOME1_HUMAN
Immunogen Region	71-170 aa
Immunogen Sequence	SQKFGQWADSRANTVYGLGF SSEHHLSKFAEKFQEFKEAA RLAKEKSQEKMELTSTPSQE SAGGDLQSPLTPESINGTDD ERTPDVTQNSEPRAEPTQNA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 71-170 of human HOMER1 (NP_004263.1).

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 lysates from Mouse brain using HOMER1 Rabbit pAb (STJ11107067) at1:1000 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% nonfat dry milk in TBST.
Detection:ECL Basic Kit
Exposuretime:60s.



Immunofluorescence analysis of SH-SY5Y cells using HOMER1 Rabbit pAb (STJ11107067) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.