Anti-NKX3-2 antibody (1-180) (STJ111268)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

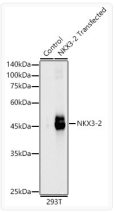
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa Observed Mw: 40kDa/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

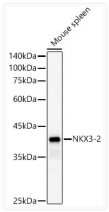
Gene ID	579
Gene Symbol	NKX3-2
UniProt ID	NKX32_HUMAN
Immunogen Region	1-180
Immunogen Sequence	MAVRGANTLTSFSIQAILNK KEERGGLAAPEGRPAPGGTA ASVAAAPAVCCWRLFGERDA GALGGAEDSLLASPAGTRTA AGRTAESPEGWDSDSALSEE NESRRRCADARGASGAGLAG GSLSLGQPVCELAASKDLEE EAAGRSDSEMSASVSGDRSP RTEDDGVGPRGAHVSALCSG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human NKX3-2 (NP_001180.1).

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 wild type (WT) and 293T cells transfected with NKX3-2, using NKX3-2 Rabbit pAb (STJ111268) at 1:500 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: 30s.



Western blot analysis of lysates from Mouse spleen, using NKX3-2 Rabbit pAb (STJ111268) at 1:500 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: 180s.