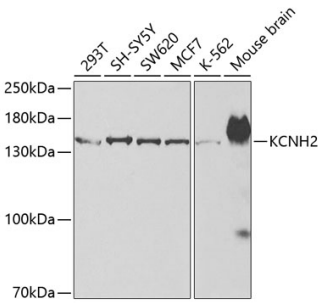
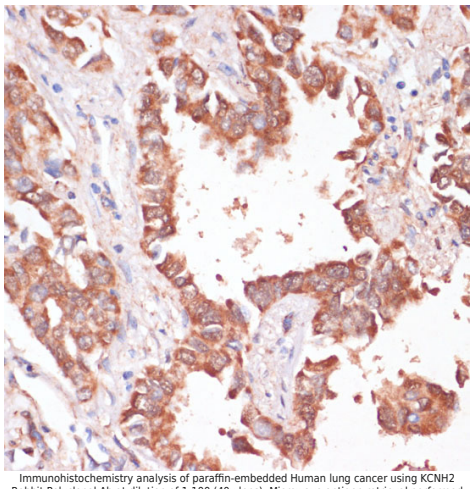
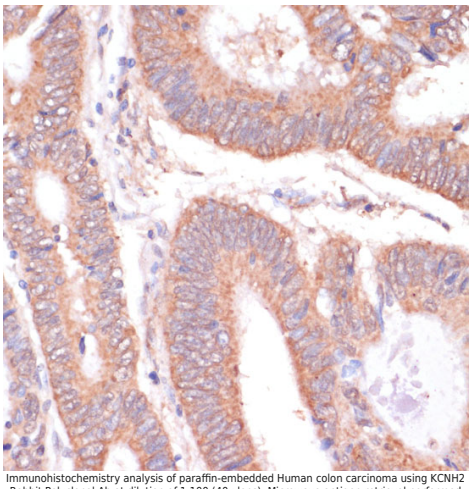
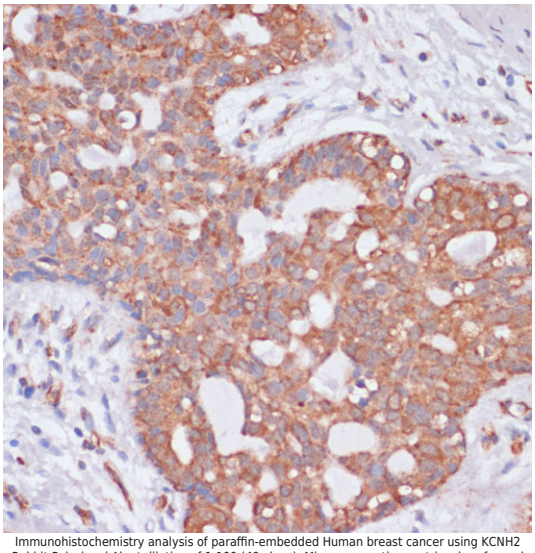
Product name:	KCNH2 Rabbit Polyclonal Antibody
Cat number:	AB-84820
Size:	100 ug
Concentration:	1 mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 850-950 of human KCNH2
Reactivity:	Human, Mouse
Applications:	Western Blot 1:500 - 1:2000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200 ELISA 1 µg/mL.
Molecular Weight:	148 kDa
Purification:	Affinity Purified
Form:	Liquid
Buffer:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Storage:	Store at -20℃. Avoid freeze / thaw cycles
Background:	This gene encodes a component of a voltage-activated potassium channel found in cardiac muscle, nerve cells, and microglia. Four copies of this protein interact with one copy of the KCNE2 protein to form a functional potassium channel. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified.



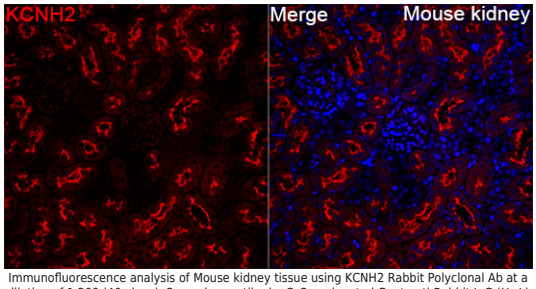
Western blot analysis of various lysates using KCNH2 Rabbit Polyclonal Ab at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit Exposure time: 30s


Immunohistochemistry analysis of paraffin-embedded Human lung cancer using KCNH2 Rabbit Polyclonal Ab at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.


Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using KCNH2 Rabbit Polyclonal Ab at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using KCNH2 Rabbit Polyclonal Ab at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of Mouse kidney tissue using KCNH2 Rabbit Polyclonal Ab at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.