

Anti-GTF2I antibody (600-810) (STJ110207)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

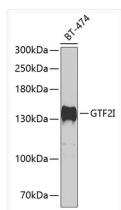
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 112kDa Observed Mw: 132kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

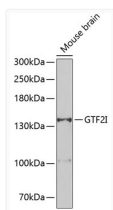
Gene ID	2969
Gene Symbol	GTF2I
UniProt ID	GTF2I_HUMAN
Immunogen Region	600-810
Immunogen Sequence	FESNPEFLYVEGLPEGIPFR SPTWFGIPRLERIVRGSNKI KVVVKKPELVISYLPFGMAS KINTKALQSPKRPSPGSNS KVPEIEVTVEGPNNNNPQTS AVRTPTQTNGSNVPFKPRGR EFSFEAWNAKITDLKQKVEN LFNEKCGEALGLKQAVKVPF ALFESFPEDFYVEGLPEGVP FRPSTFGIPRLKILRNKA KIKFIIKKPEM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 600-810 of human GTF2I (NP_001157108.1).

ADDITIONAL INFORMATION

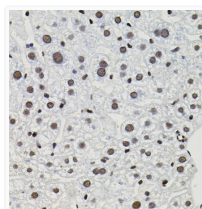
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



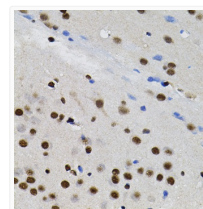
Western blot analysis of lysates from BT-474 cells, using GTF2I Rabbit pAb (STJ110207) at 1:5000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 90s.



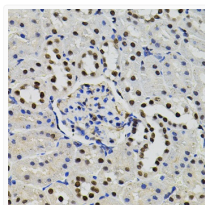
Western blot analysis of lysates from mouse brain, using GTF2I Rabbit pAb (STJ110207) at 1:5000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit
 Exposure time: 90s.



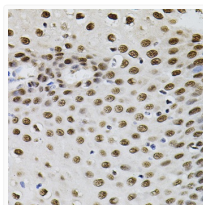
Immunohistochemistry analysis of paraffin-embedded Mouse liver using GTF2I Rabbit pAb (STJ110207) (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using GTF2I Rabbit pAb (STJ110207) (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using GTF2I Rabbit pAb (STJ110207) (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using GTF2I Rabbit pAb (STJ110207) (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.