Anti-Phospho-FOXO1 (Thr24)/FOXO3A (Thr32)/FOXO4 (Thr28) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108796

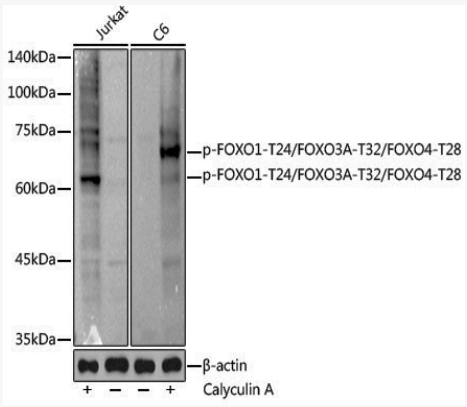
Product Information

Application	WB, IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:100~1:500; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around T24 of human FOXO1/FOXO3A/FOXO4FOXO1 (NP_002006.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-Phospho-FOXO1 (Thr24)/FOXO3A (Thr32)/FOXO4 (Thr28) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

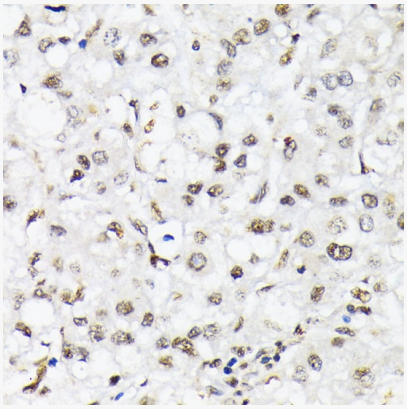
Protein Information

Synonyms	FoxO1/FoxO3a/FoxO4; Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28.
Calculated MW	Observed MW: 65 kDa/73 kDa
Uniprot ID	Q12778, O43524, P98177
Gene ID	2308, 2309, 4303
Background	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq, Jul 2008]

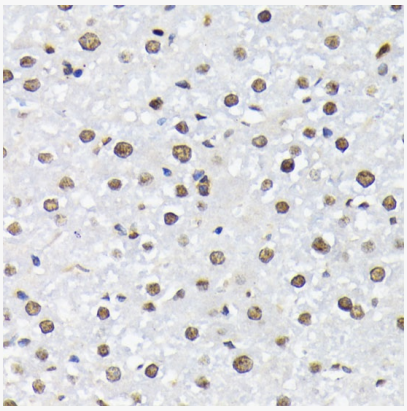
Validation Images



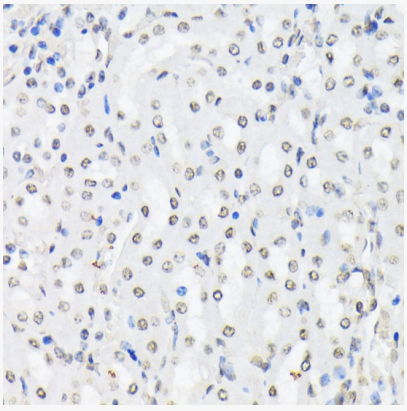
Western blot analysis of various lysates using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb (P108796) at 1:500 dilution. Jurkat cells were treated by Calyculin A (100 nM) at 37℃ for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb (P108796) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb (P108796) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb (P108796) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.