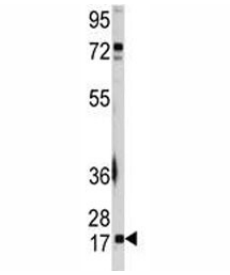
UBC9 Antibody (F40817)

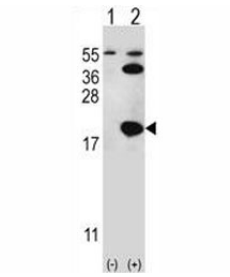
Catalog No.	Formulation	Size
F40817-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40817-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

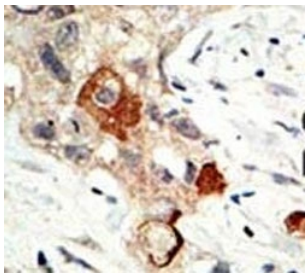
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Chicken, Mouse, Rat, Xenopus, Zebrafish
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P63279
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This UBC9 antibody is available for research use only.



Western blot analysis of UBE2I antibody and A2058 lysate.



Western blot analysis of UBE2I antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the UBE2I gene.



IHC analysis of FFPE human breast carcinoma tissue stained with the UBE2I antibody

Description

UBE2I (Ubc9) is a member of the E2 family and is specific for the conjugation of SUMO to a variety of target proteins. SUMO conjugation to target proteins is mediated by a different, but analogous, pathway to ubiquitinylation. This E2 is unusual in that it interacts directly with protein substrates that are modified by sumoylation, and may play a role in substrate recognition. UBE2I can mediate the conjugation of SUMO-1 to a variety of proteins including RanGAP1, I?B?, and PML without the requirement of an E3 ligase. UBE2I is essential for nuclear architecture and chromosome segregation.

Application Notes

Titration of the UBC9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this UBC9 antibody.

Storage

Aliquot the UBC9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.