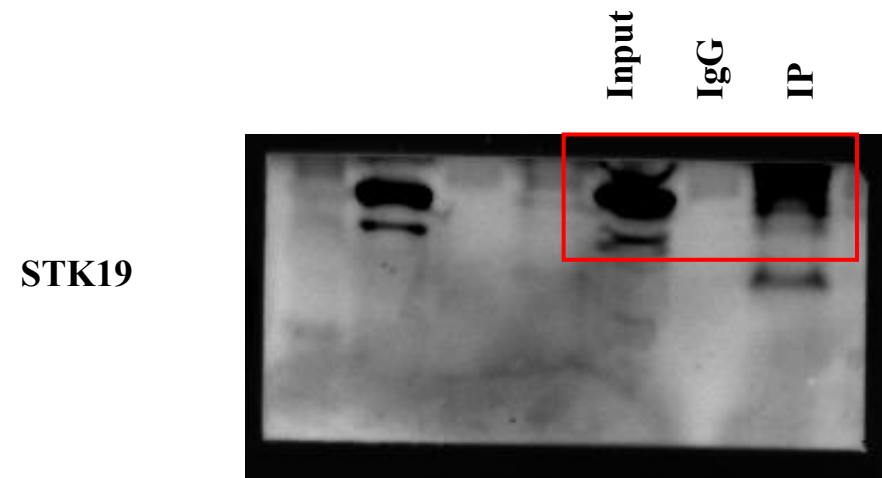
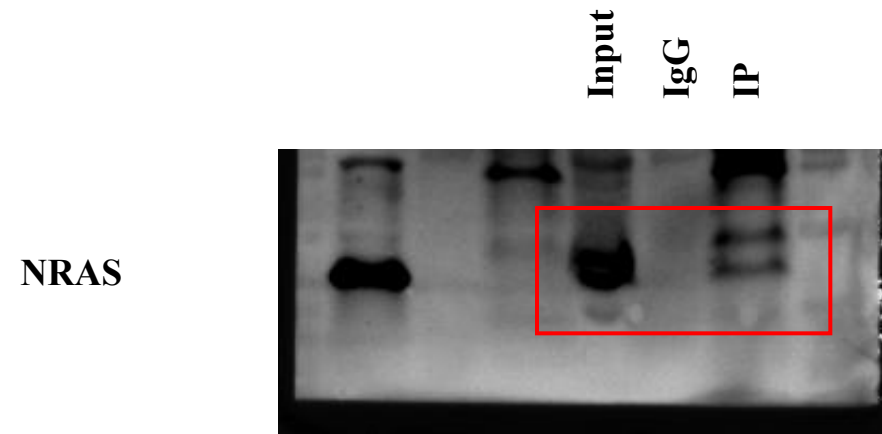
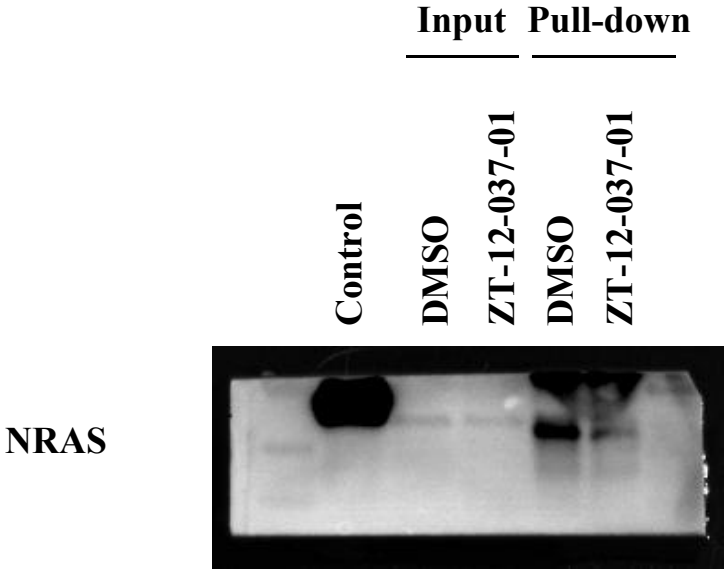


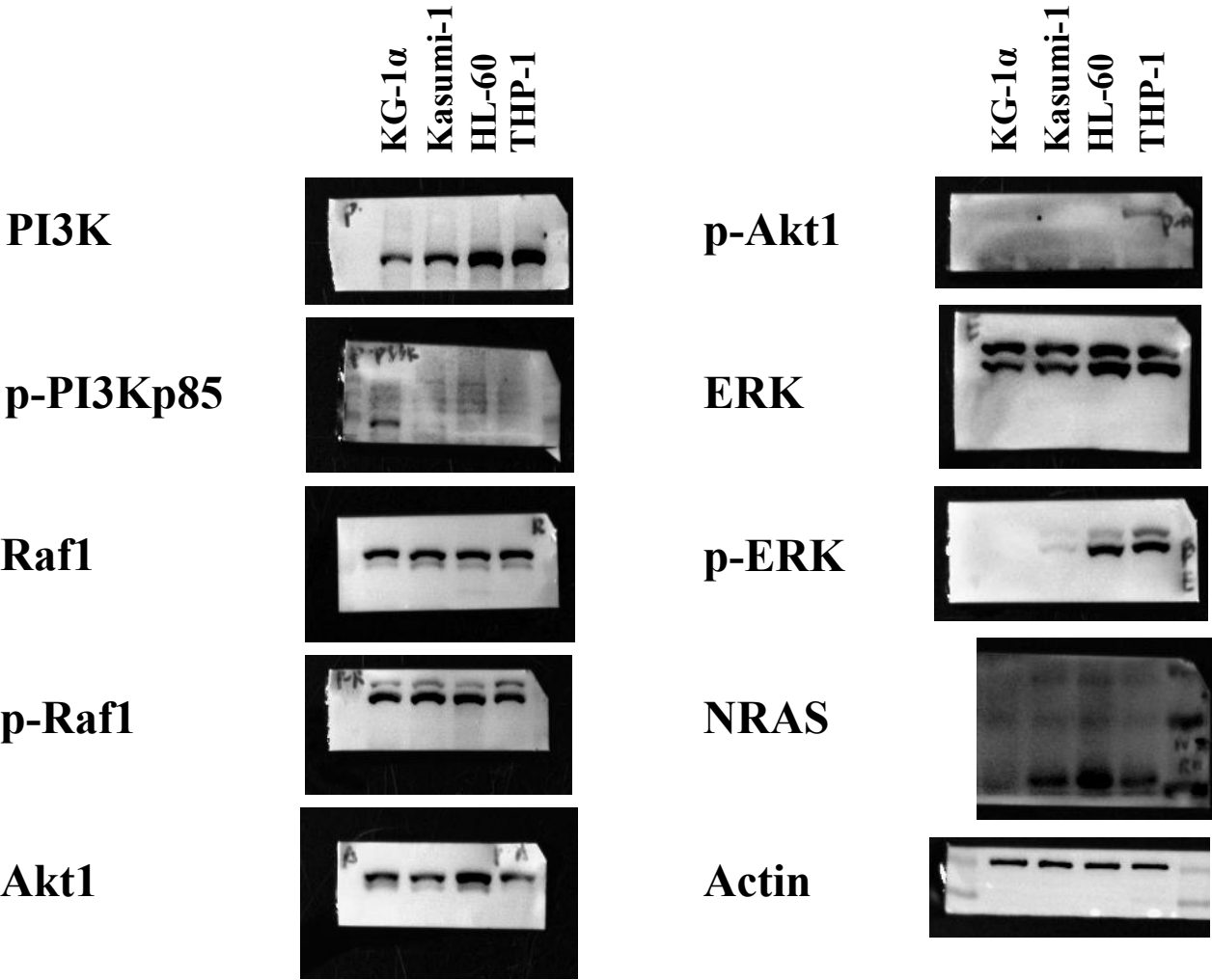
Co-IP between STK19 & NRAS



Ras pull-down



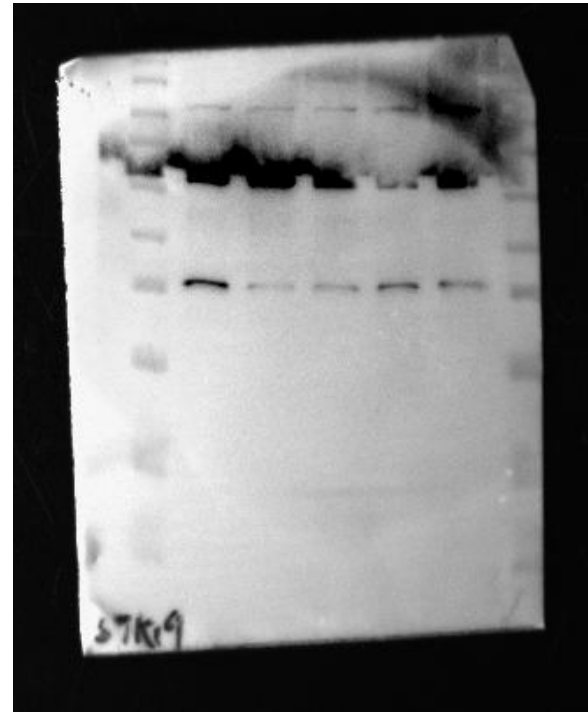
Baseline expression levels of MAPK pathway and PI3K-AKT pathway proteins in four cell lines



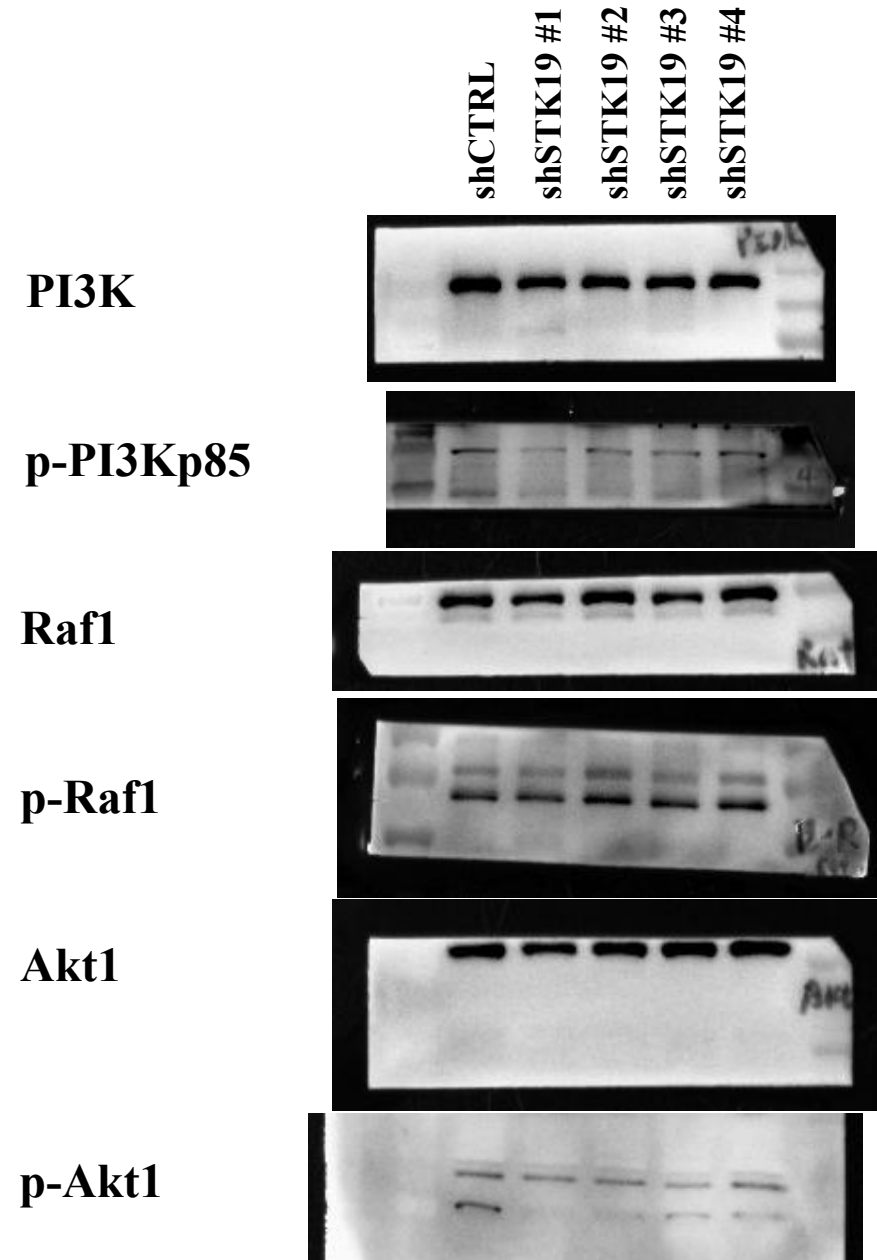
Detection of STK19 knockdown efficiency

STK19

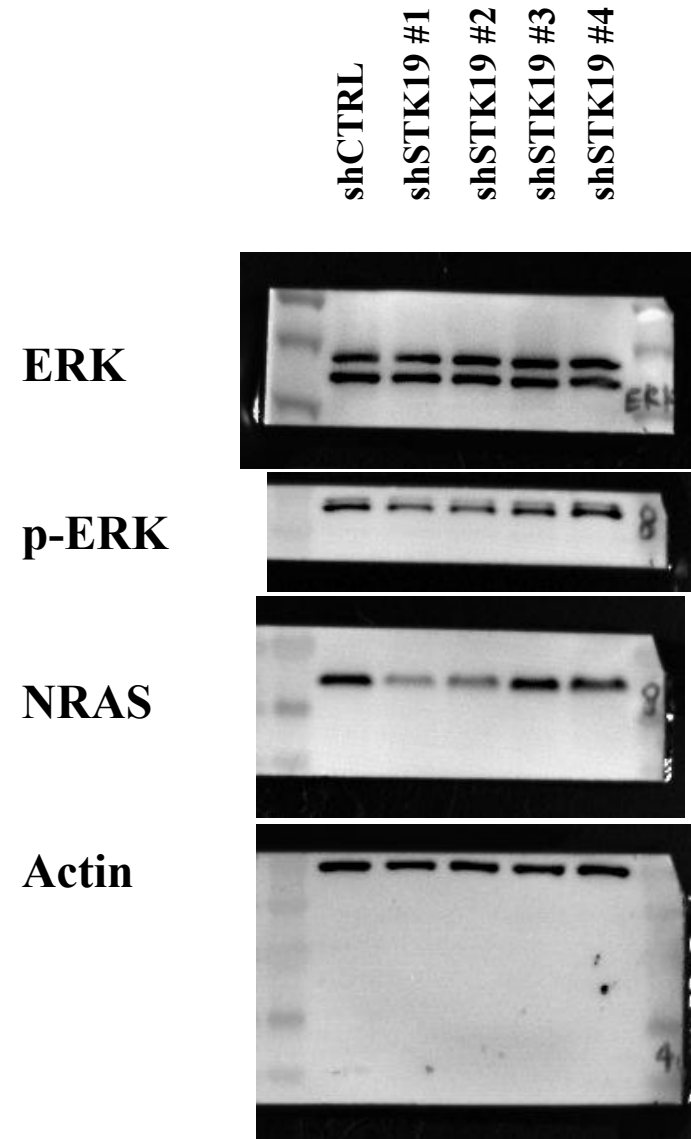
shCTRL
shSTK19 #1
shSTK19 #2
shSTK19 #3
shSTK19 #4



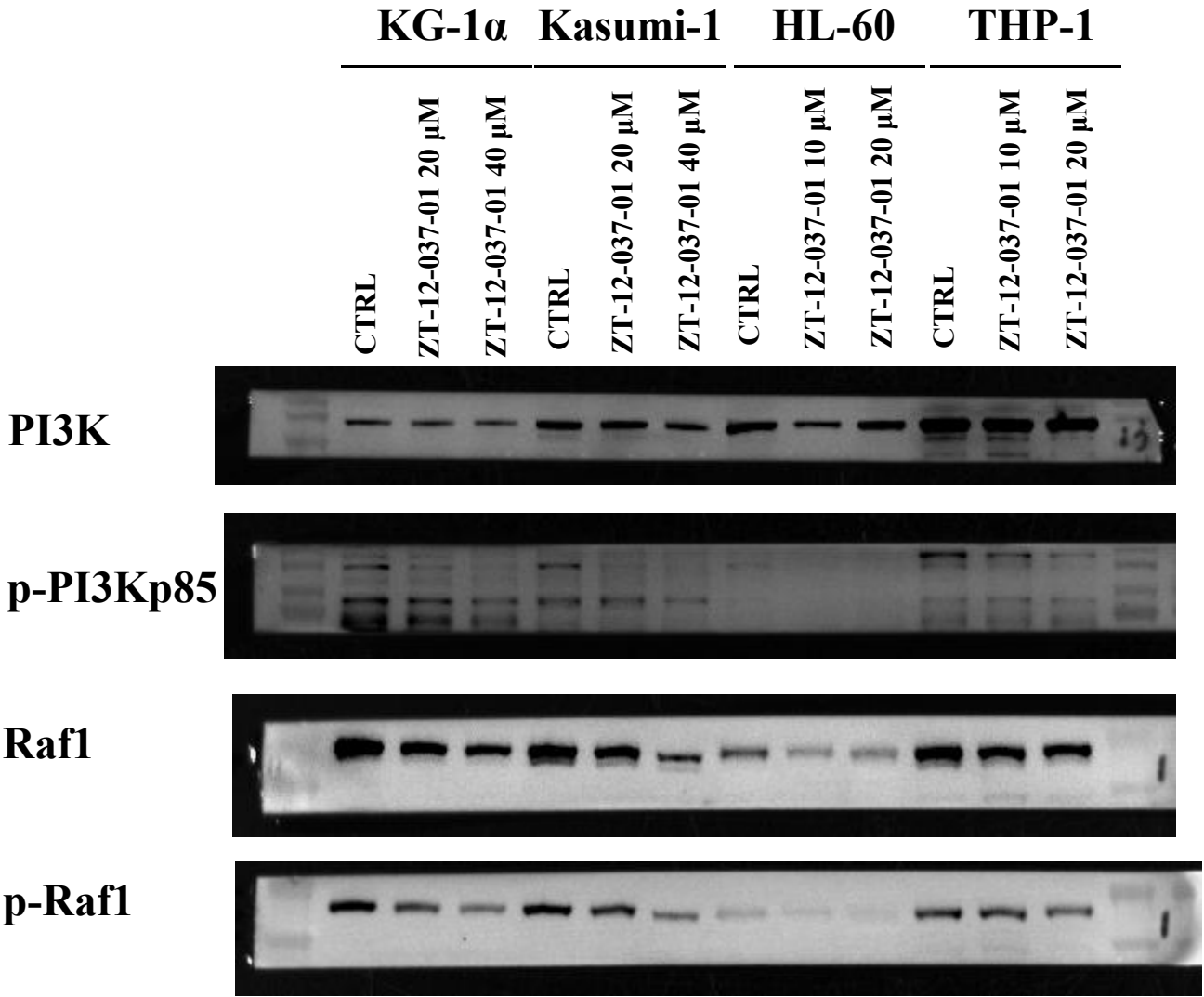
STK19 knockdown downstream PI3K/MAPK signaling



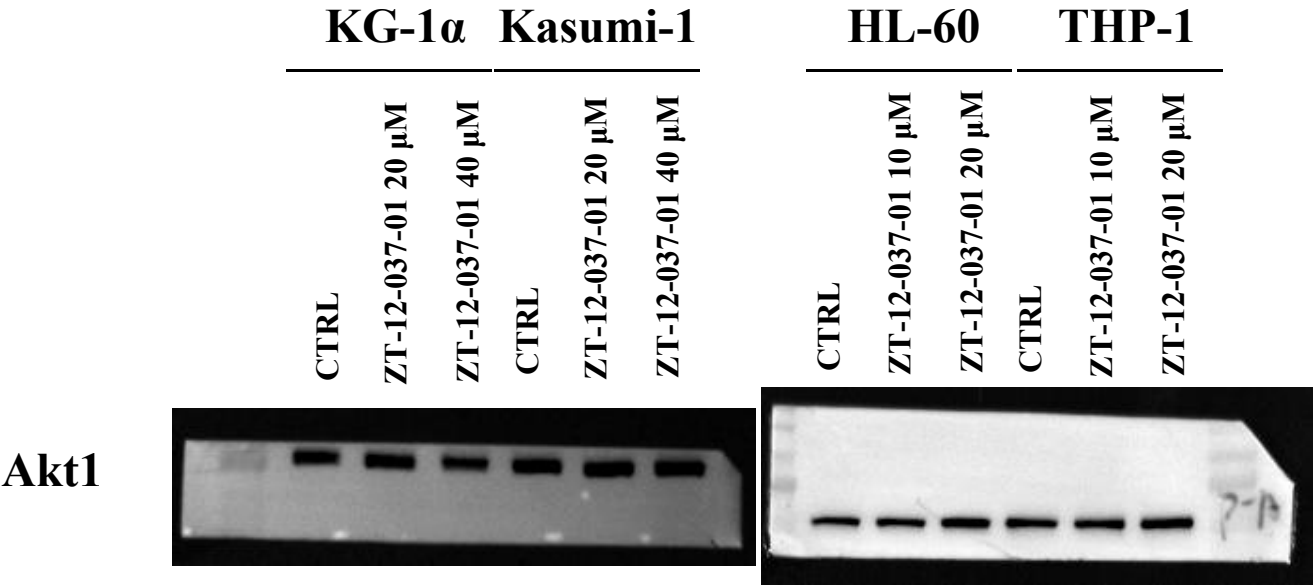
STK19 knockdown downstream PI3K/MAPK signaling



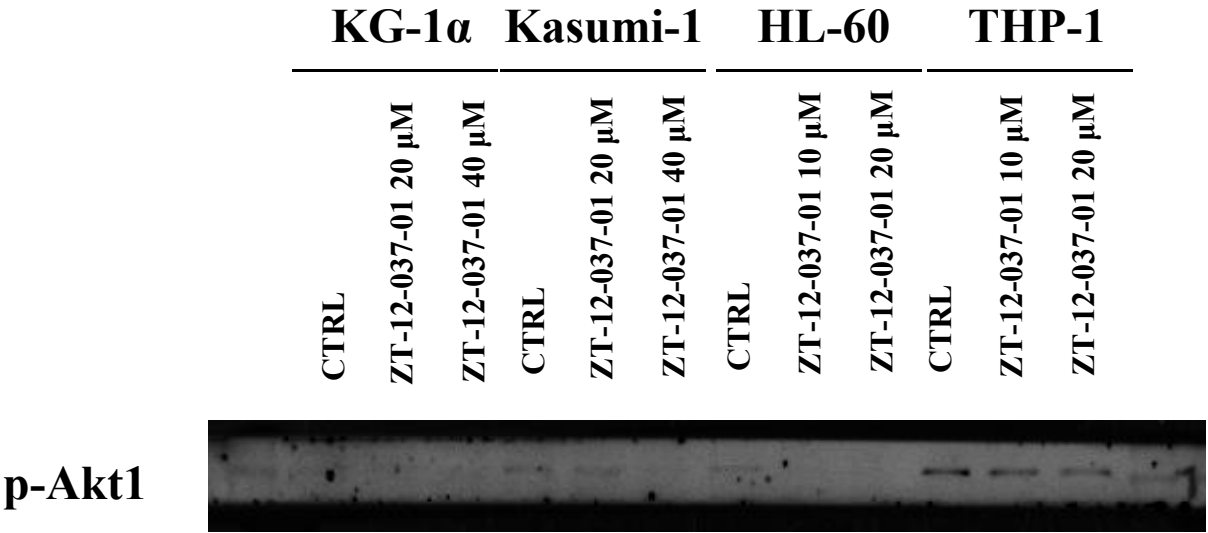
PI3K/MAPK pathway after ZT-12-037-01 treatment



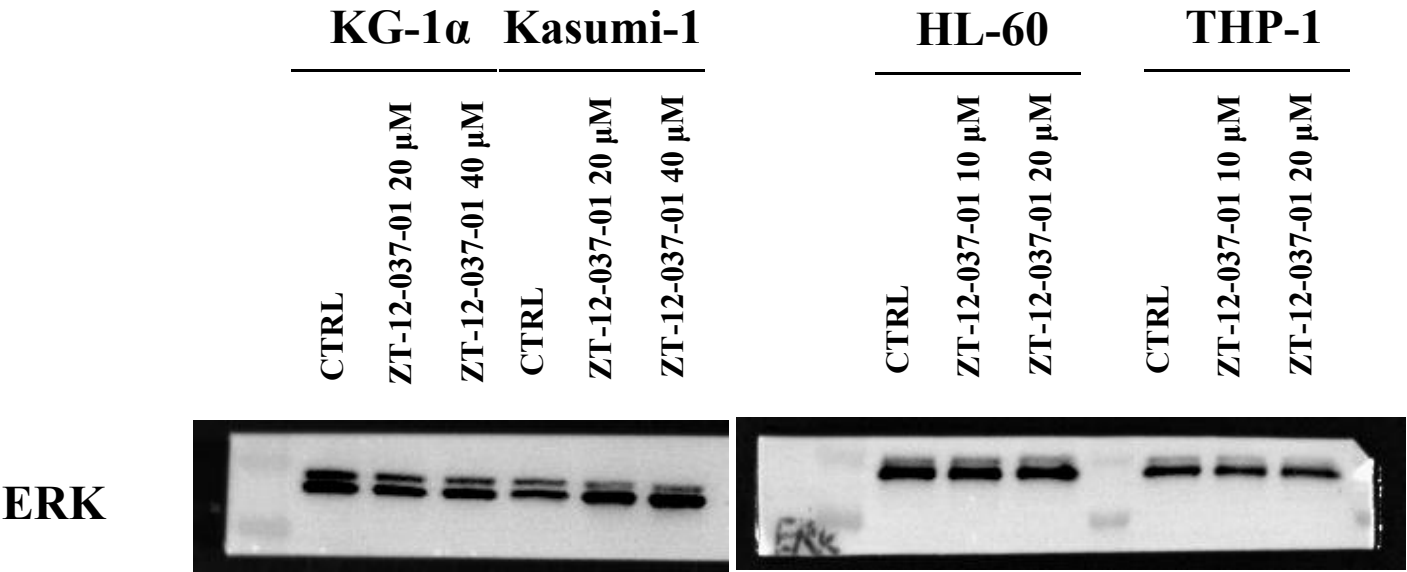
PI3K/MAPK pathway after ZT-12-037-01 treatment



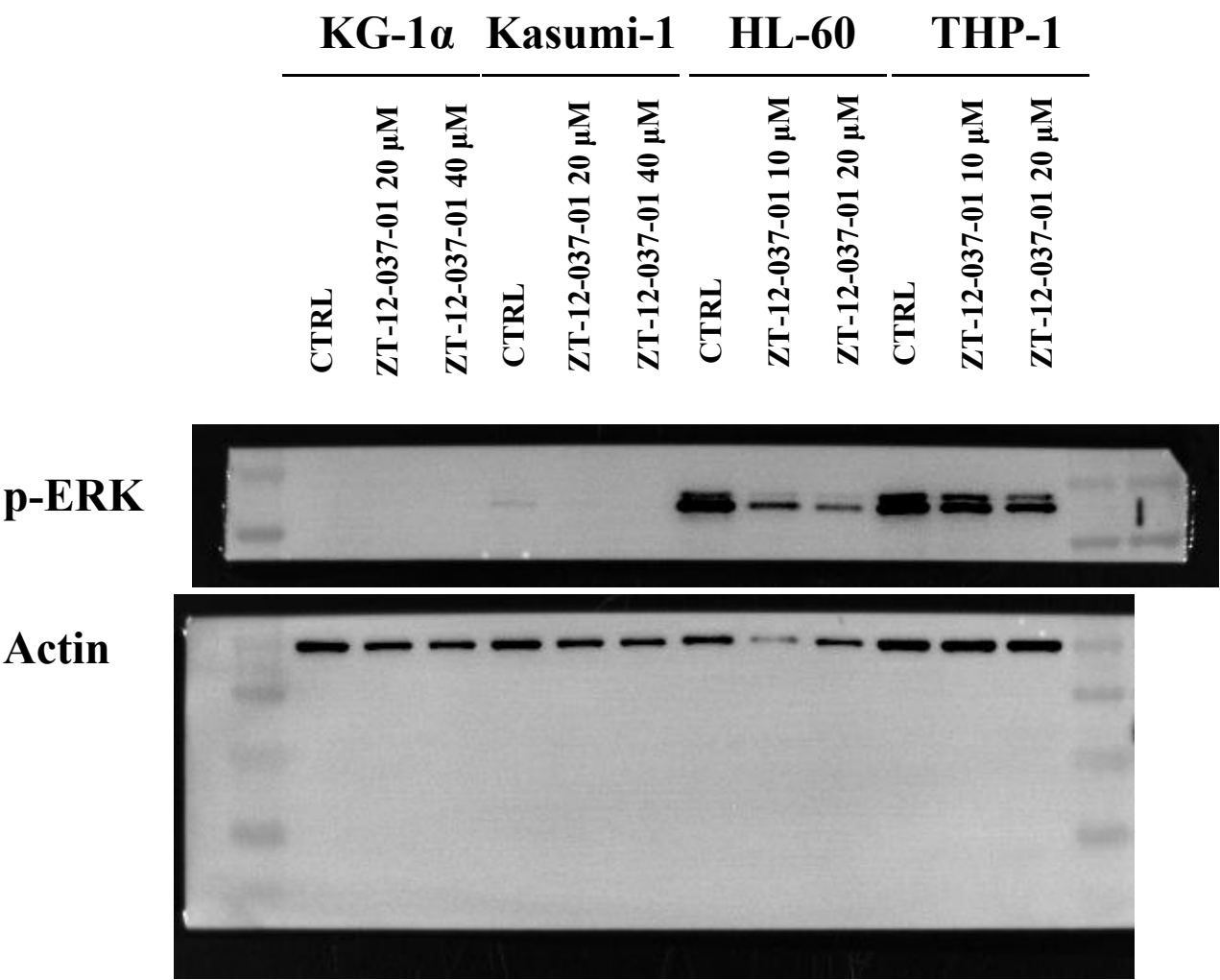
PI3K/MAPK pathway after ZT-12-037-01 treatment



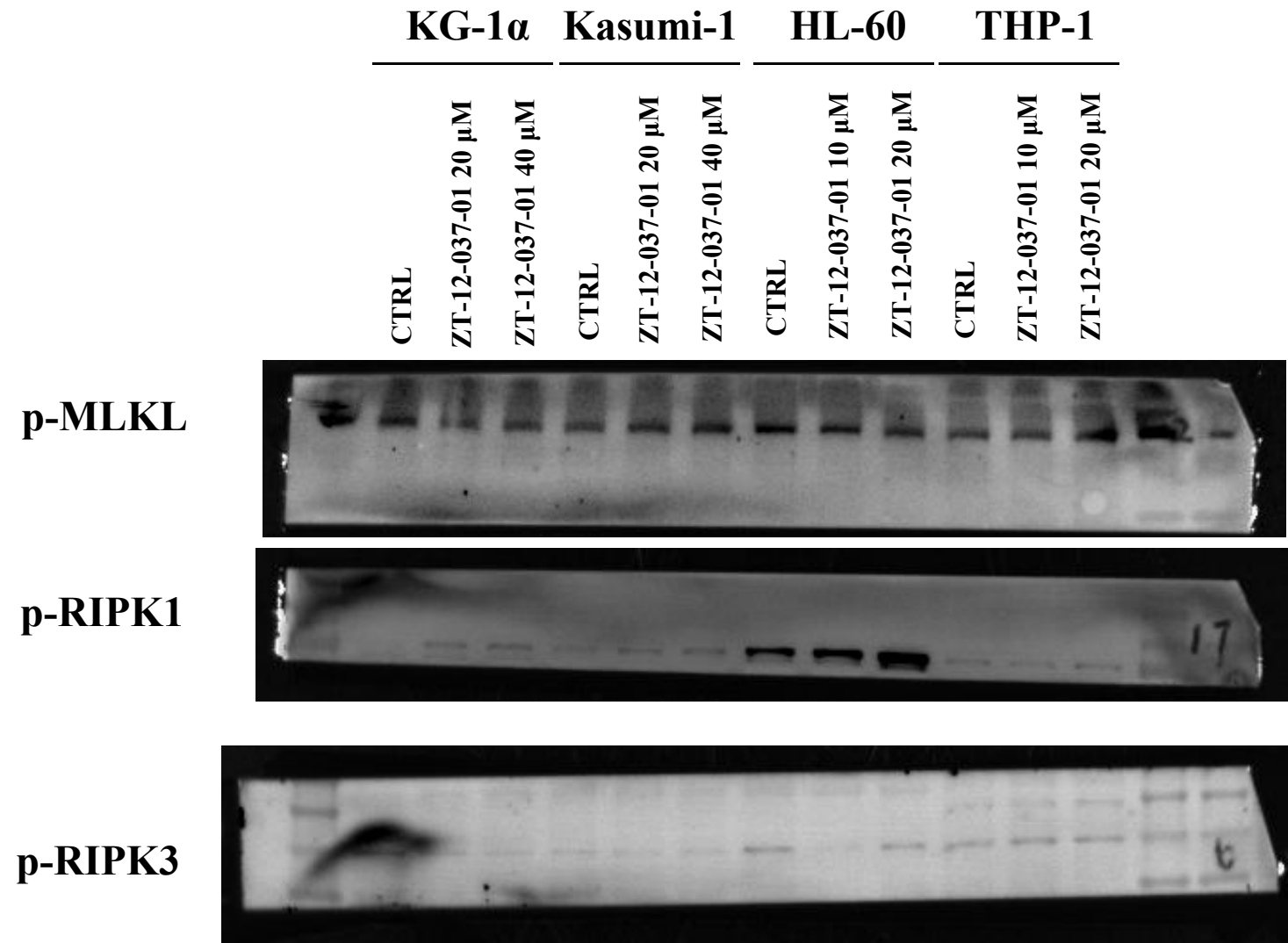
PI3K/MAPK pathway after ZT-12-037-01 treatment



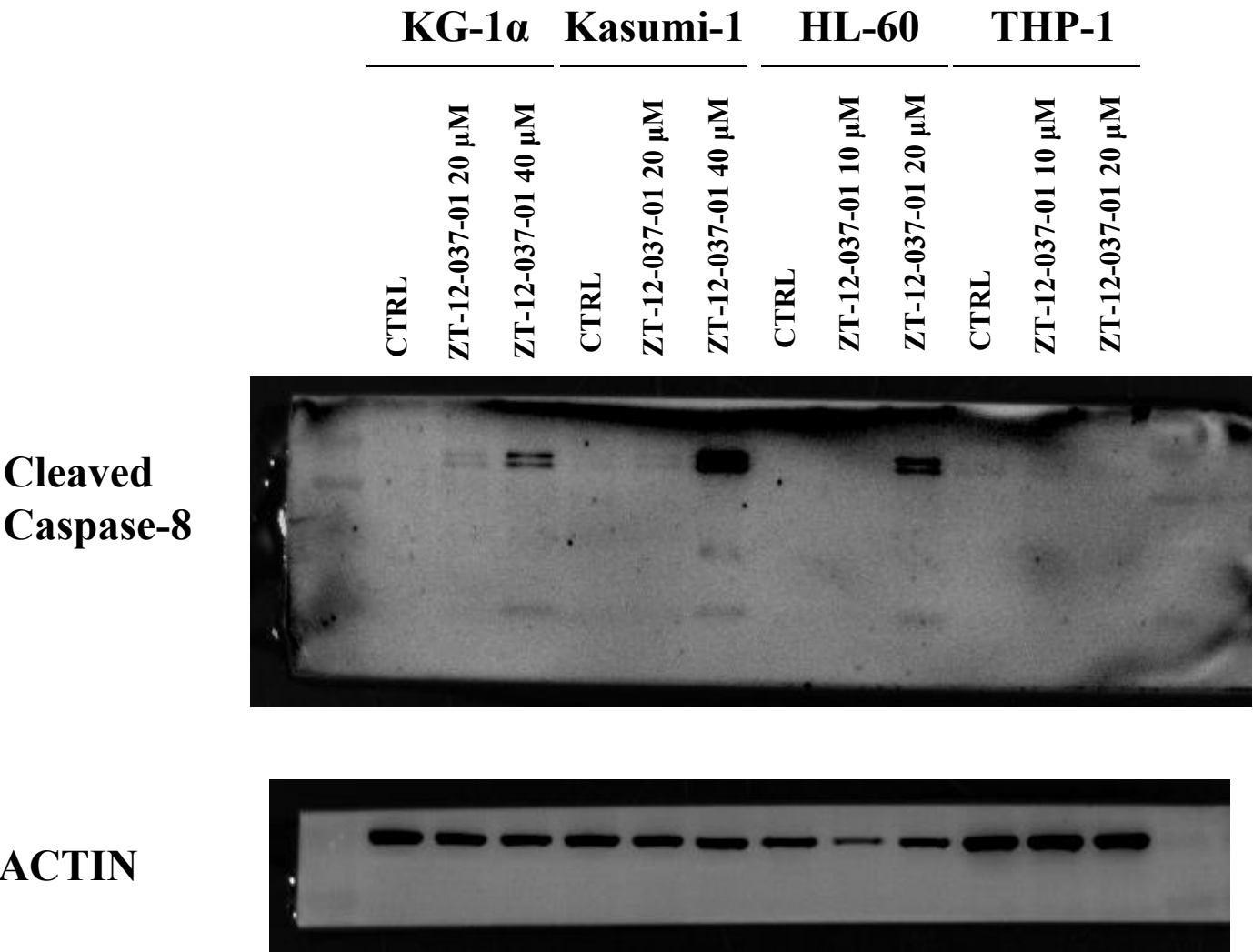
PI3K/MAPK pathway after ZT-12-037-01 treatment



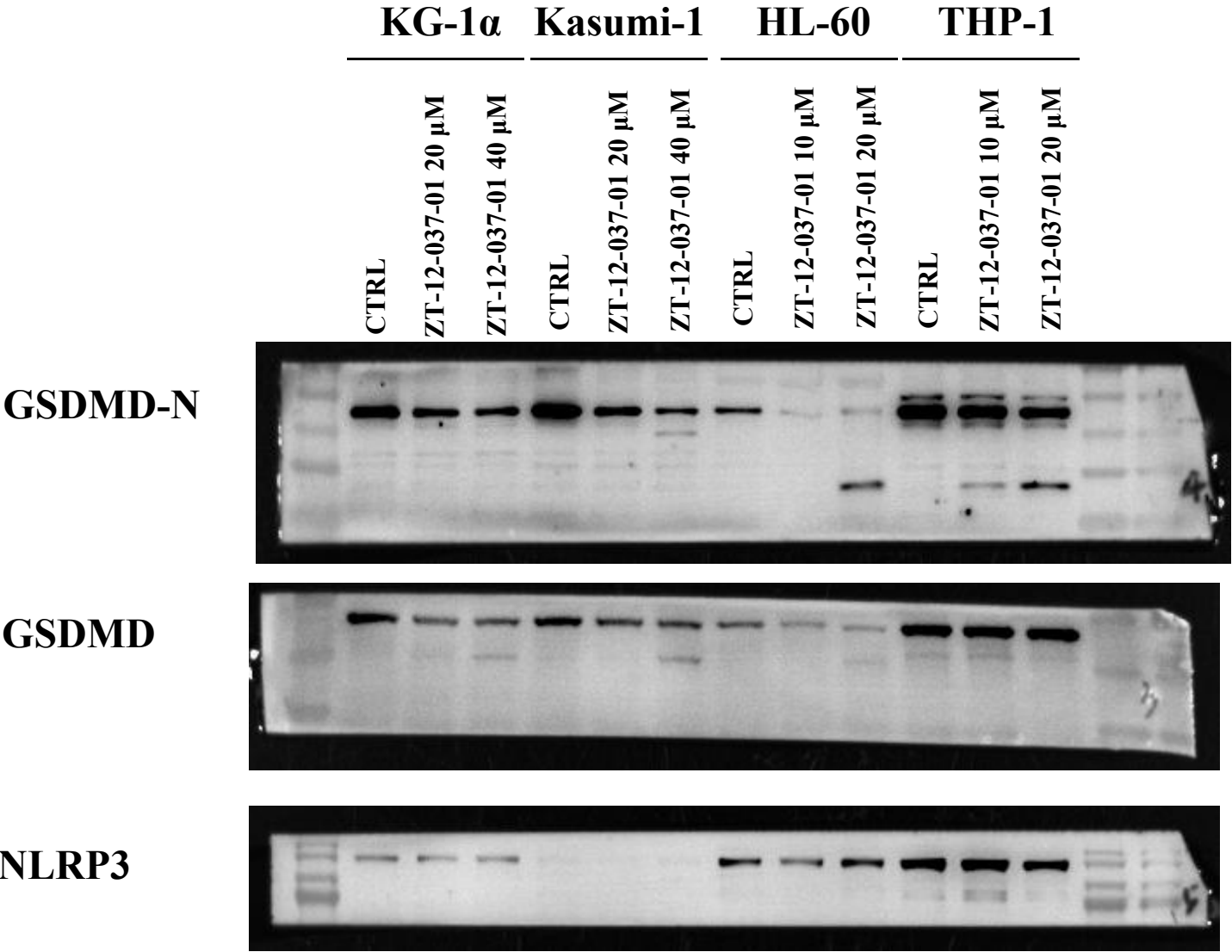
Expression of PANoptosis-associated molecules after ZT-12-037-01 treatment



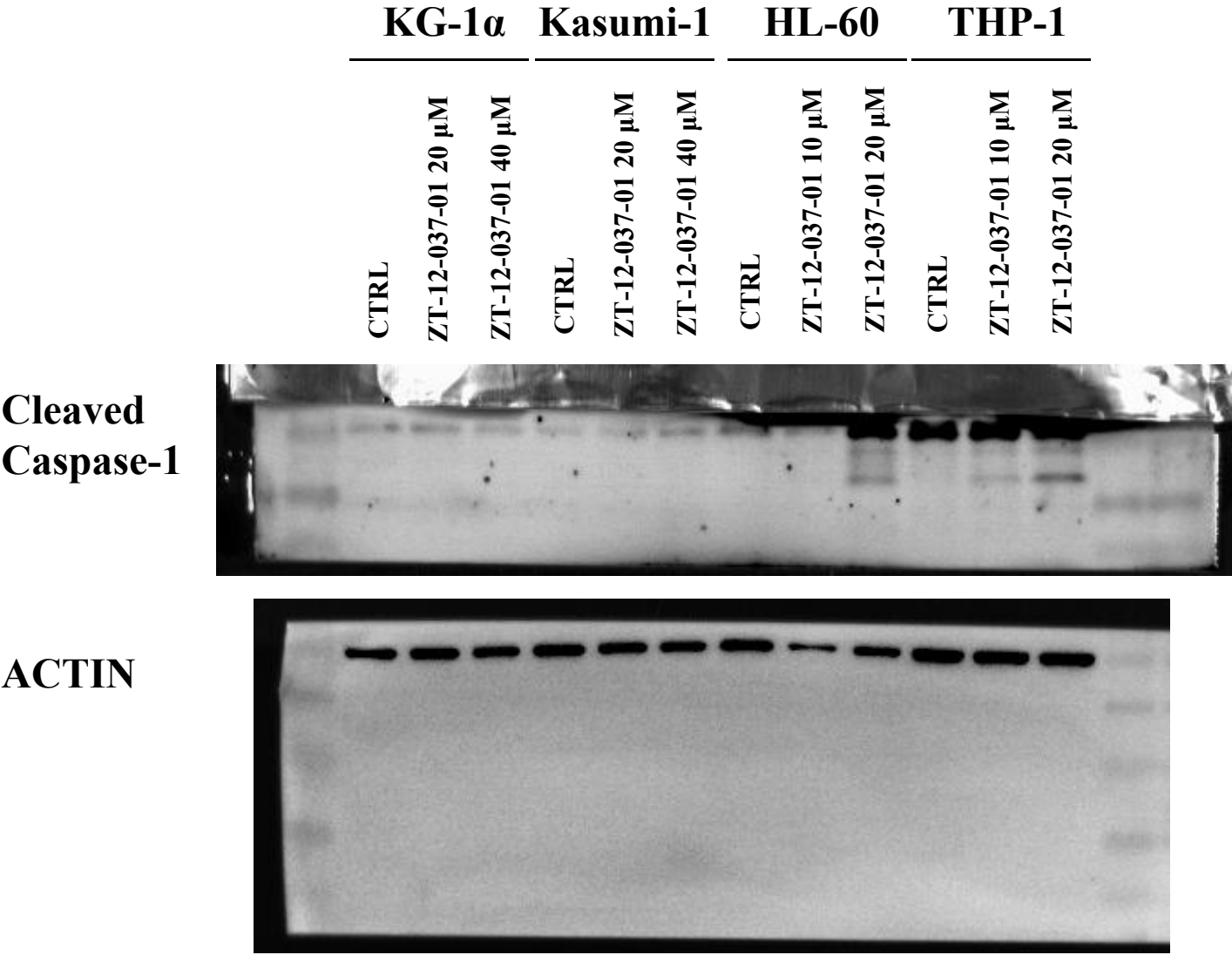
Expression of PANoptosis-associated molecules after ZT-12-037-01 treatment



Expression of PANoptosis-associated molecules after ZT-12-037-01 treatment



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Expression of PANoptosis-associated molecules after ZT-12-037-01 treatment

