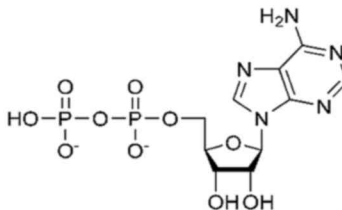
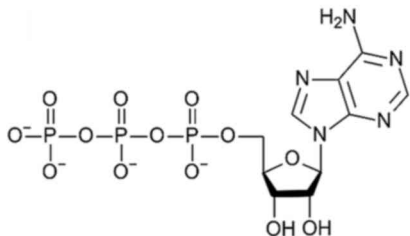


ATP

ADP



PROTEIN

kinase

PHOSPHOPROTEIN

PO₄PHOSPHO-BINDING
PROTEIN*phosphatase*

PTM

ONCOGENIC
PATHWAY
ACTIVATION

- EPIGENETIC MODIFICATIONS
- CYTOGENETIC ALTERATIONS
- GENETIC MUTATIONS
- TUMOR MICROENVIRONMENT